



“Project Hawk”

GPS Tracking & Information System

Web Browser Software User Manual

Date 27/11/2013
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1.0 Getting Started

Go to the IntelliTrac website at www.intellitrac.com.au

Enter Your Username, Password and select a Portal specific to your country or industry type.

Insurance Box Telematics

// IntelliTrac, Australia's leading telematics provider has partnered with Insurance Box in Australia's first telematics car insurance system..... [read more](#)



[Click Here To Watch Introductory Video](#)

[Click Here To Watch DIY Installation Video](#)

IntelliTrac is a 100% Australian owned company which has been providing leading edge GPS Telematics Solutions & Job Dispatch Solutions to Small Business, Corporate and Government Departments since 1987.

At Intellitrac we are extremely thorough with each and every customer implementation.

We hold your hand from the time you place your order, during the installation of each GPS Tracker in each vehicle, to the time your staff are fully trained.

We then provide ongoing support thereafter.

At IntelliTrac, our clients are our partners, and we know that by fully understanding their business and contributing to their success, we build our own. We value the long term relationships we have developed with existing clients, and set out to build lasting relationships with all our clients.

GPS Tracking Login

Username:

Password:

Portal:

[LOGIN](#)

[Forgot Password?](#)



Online Accounts Portal

[Register/Login](#)

i-Dispatch Login

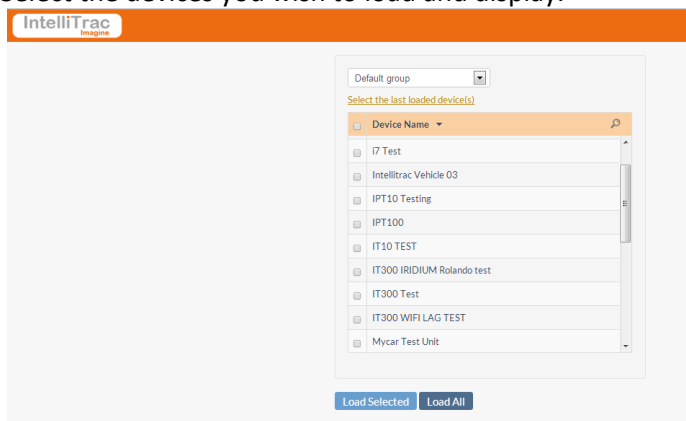
[LOGIN](#)


iPhone & Android Apps

The following will be displayed.

Select the devices you wish to load and display.



Please note:- Once the software has loaded and displayed devices a map then “Logout”  is required to reload a new range of devices.

The following screen will display.

	Date & Time	Device Id	Device name	Driver	Road Name	Ignition	Speed	Heading	Satellite	Event Name	Mileage	Vehicle Plate
<input checked="" type="checkbox"/>	2013-11-25 07:01:49	2010280464	Intellitrac Vehicle 03	Emanuel	11 SCHOLAR DRIVE, BUNDOORA, VIC, AU 3083	OFF	0	147	8	TRACKING	77590.1	YJR108
<input checked="" type="checkbox"/>	2013-11-25 08:59:53	1018903361	Dan's Car	UNKNOWN	13 SCHOLAR DRIVE, BUNDOORA, VIC, AU 3083	OFF	0	291	8	IGN-OFF	161618.3	XKN

To view a different map please select the  icon and select the Map to display. (see below)

	Date & Time	Device name	Driver	Road Name	Ignition	Speed	Heading	Satellite	Event Name	Mileage	Vehicle Plate
<input checked="" type="checkbox"/>	2013-11-23 10:18:45	Intellitrac Vehicle 03	Emanuel	UNNAMED, MALVERN EAST, VIC, AU 3145	OFF	0	10	8	TRACKING	77464.5	YJR108

Map Bookmarks allow users to set up Map Start Points and quick views to bookmarked areas.

The page at hawk-gps.street-directory.com.au says:

Please enter this bookmark name

Chadstone Shopping Centre

OK Cancel

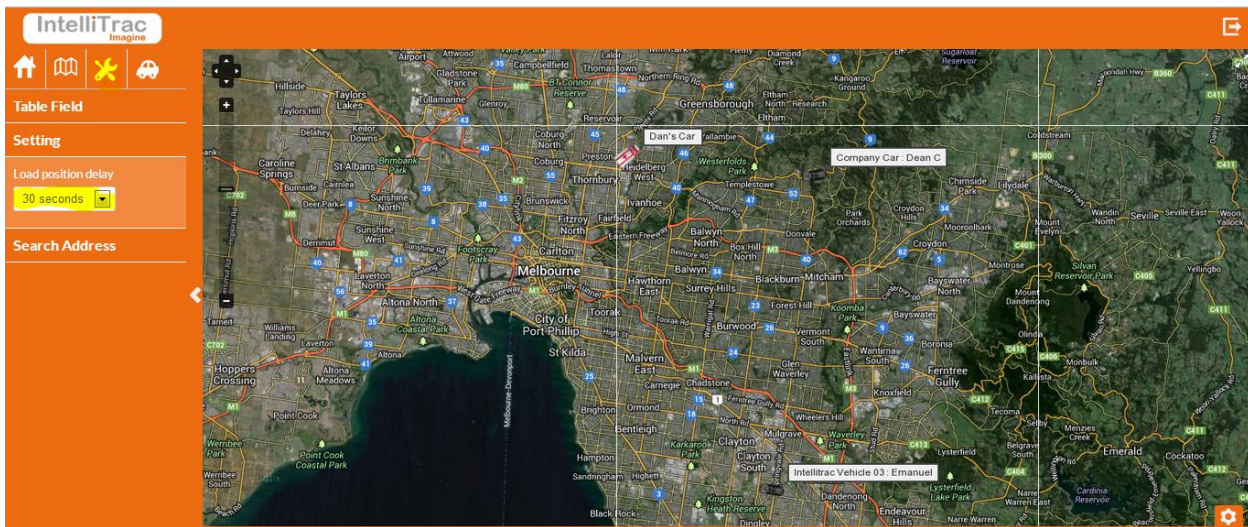
	Date & Time	Device name	Driver	Road Name	Ignition	Speed	Heading	Satellite	Event Name	Mileage	Vehicle Plate
<input checked="" type="checkbox"/>	2013-11-23 10:18:45	Intellitrac Vehicle 03	Emanuel	UNNAMED , MALVERN EAST, VIC, AU 3145	OFF	0	10	8	TRACKING	77464.5	YJR108

2.0 Tracking Vehicles On A Map Screen

Click on a vehicle in the table below the map to centre it on the screen.

	Date & Time	Device name	Driver	Road Name	Ignition	Speed	Heading	Satellite	Event Name	Mileage	Vehicle Plate
<input checked="" type="checkbox"/>	2013-11-23 14:07:07	Dan's Car	UNKNOWN	UNNAMED , PRESTON, VIC, AU 3072	OFF	0	51	11	IGN-OFF	161609.6	XXN-

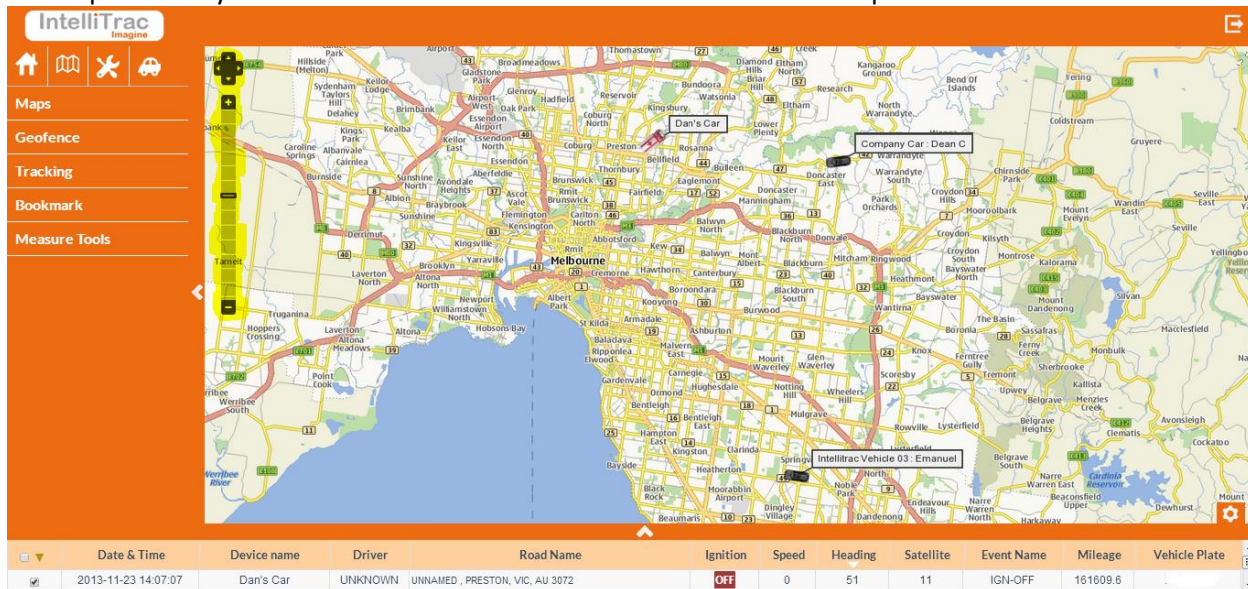
For “Real Time” tracking updates, please select the screen refresh period in the Tools -> Setting Menu.



3.0 Map Display Zoom and Pan Functions

Zoom in using the bar graph or (-) (+) symbols.

The map will always zoom to the selected vehicle or the centre of the map.



4.0 Vehicle Activity Status

Vehicle Status may be defined by customisable ICONS

Mouse over the vehicle icon on the map (opens information bubble)

Click on the vehicle icon on the map and a Blue window will open. Then click “Legend”

Date & Time	Device name	Driver	Road Name	Ignition	Speed	Heading	Satellite	Event Name	Mileage	Vehicle Plate
2013-11-23 15:34:36	IntelliTrac Vehicle 03	Emanuel	CENTRE DANDENONG ROAD, CHELTENHAM, VIC, AU 3192	OFF	0	167	9	TRACKING	77492.2	YJR108

The legend describes the device ICON. These legends are fully customisable for each device.

#	Company Car	Icon
7	Harsh Acceleration	[Icon]
6	Engine OFF	[Icon]
5	Speed > 100	[Icon]
4	Speed > 70	[Icon]
3	Speed > 10	[Icon]
2	Speed > 0	[Icon]
1	Engine ON	[Icon]
0	Default	[Icon]

#	Dan's Car	Icon
2	Engine Off	[Icon]
1	Engine On	[Icon]
0	Default	[Icon]

5.0 Vehicle Position Status Information

Mouse Over a vehicle (on the map) to gather information in a bubble.
Information is also displayed in the grid below the map.

The screenshot shows the IntelliTrac software interface. On the left is a sidebar with navigation icons and a menu. The main area displays a map of Melbourne. A vehicle status bubble is visible over the map, and a table below it provides detailed information.

Date & Time	Device name	Driver	Road Name	Ignition	Speed	Heading	Satellite	Event Name	Mileage	Vehicle Plate
2013-11-23 15:34:36	Intellitrac Vehicle 03	Emanuel	CENTRE DANDENONG ROAD, CHELTENHAM, VIC, AU 3192	OFF	0	167	9	TRACKING	77492.2	YJR108

6.0 Individual Vehicle Map Viewer

Click on Home -> Map -> Multi track.

Select Vehicles to track in individual windows

The screenshot shows the IntelliTrac software interface with multiple map windows. The left sidebar contains navigation icons and a menu. The main area displays several map windows, each showing a different vehicle's location and status. A 'Device List' panel on the left shows the selected vehicles.

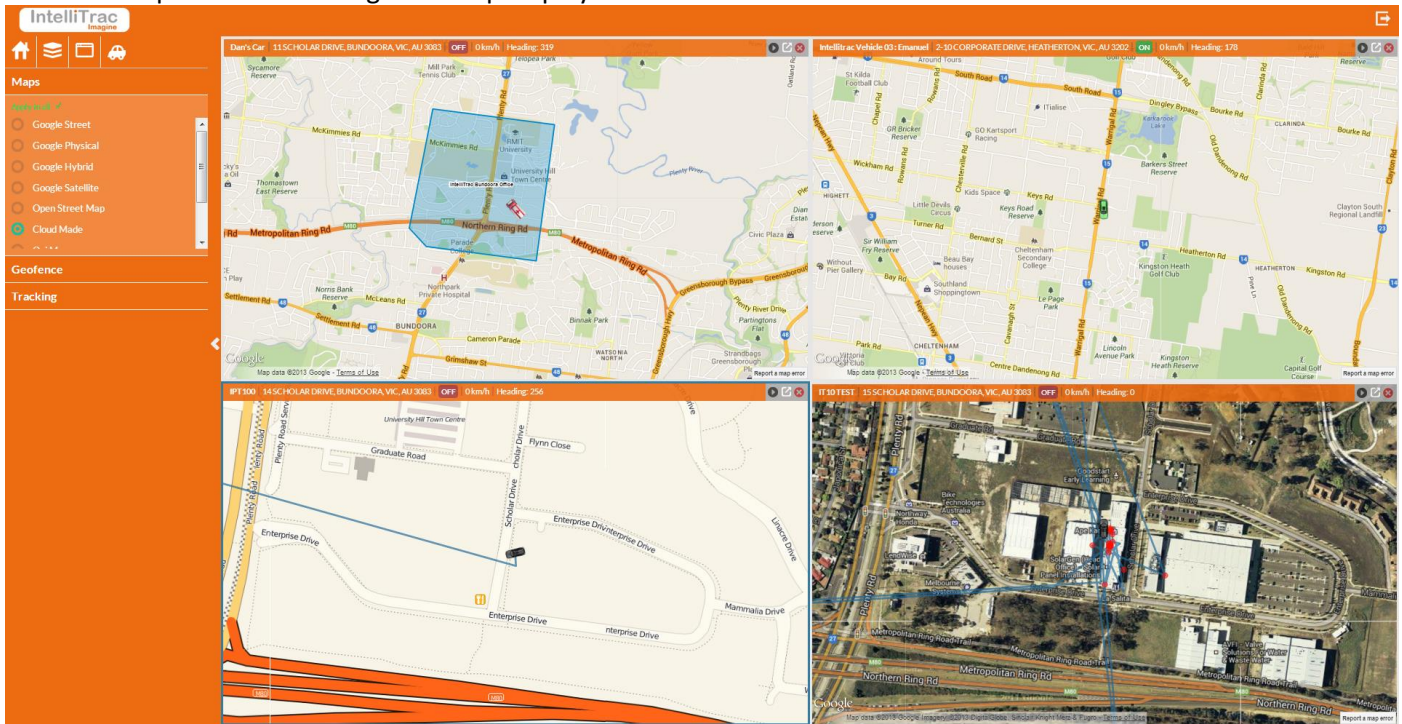
Device List:


- ☒ Company Car
- ☒ Dan's Car
- ☒ Intellitrac Vehicle 03

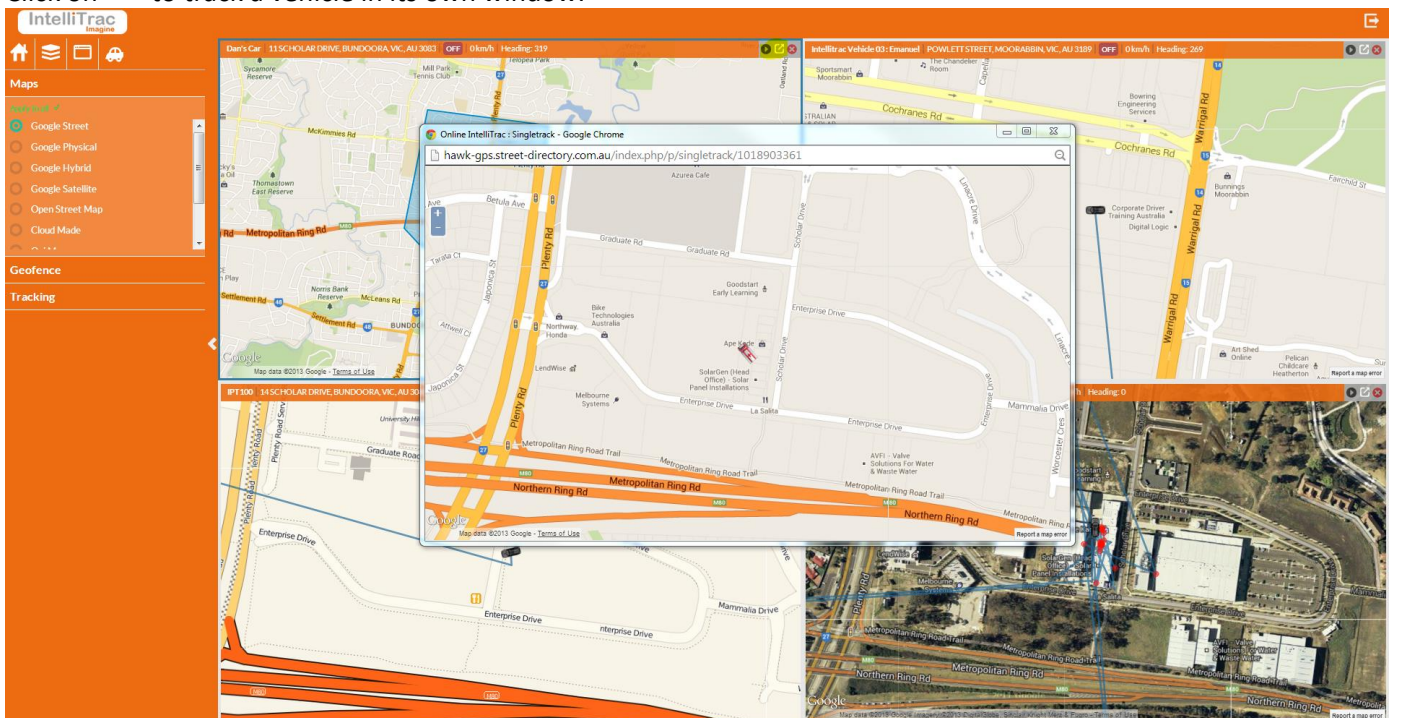
Map Windows:

- Company Car:** VIC, AU, OFF, 0 km/h, Heading: 102
- Dan's Car:** TYLER STREET, PRESTON, VIC, AU 3072, OFF, 0 km/h, Heading: 102
- Intellitrac Vehicle 03:** CENTRE DANDENONG ROAD, CHELTENHAM, VIC, AU 3192, OFF, 0 km/h, Heading: 167

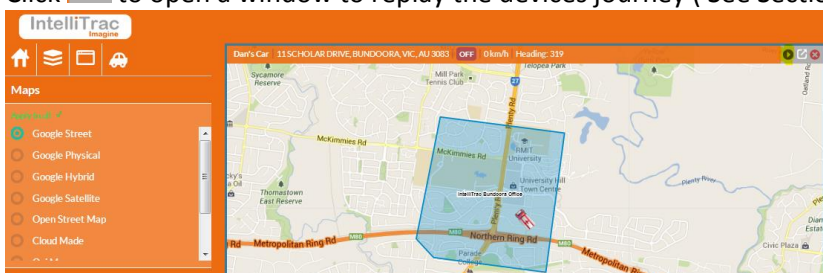
Click on “Maps” menu to change the map display of each individual window.



Click on  to track a vehicle in its own window.



Click  to open a window to replay the devices journey (See Section 9 Replay Journey)



Alternatively click on the device icon and then click Follow

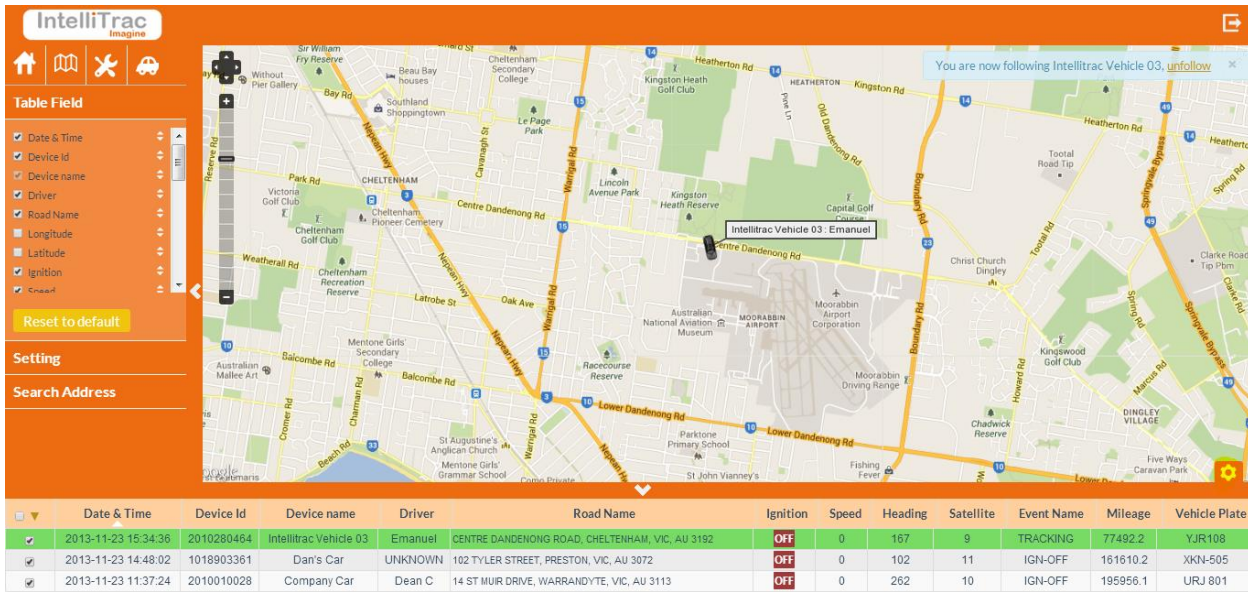
Date & Time	Device Id	Device name	Driver	Road Name	Ignition	Speed	Heading	Satellite	Event Name	Mileage	Vehicle Plate
2013-11-23 15:34:36	2010280464	IntelliTrac Vehicle 03	Emanuel	CENTRE DANDENONG ROAD, CHELTENHAM, VIC, AU 3192	OFF	0	167	9	TRACKING	77492.2	YJR108

The device will be highlighted in the Position grid below the map and a message will be displayed in the upper right hand corner of the map. Whenever the device moves, it will be centered on the map.

Date & Time	Device Id	Device name	Driver	Road Name	Ignition	Speed	Heading	Satellite	Event Name	Mileage	Vehicle Plate
2013-11-23 15:34:36	2010280464	IntelliTrac Vehicle 03	Emanuel	CENTRE DANDENONG ROAD, CHELTENHAM, VIC, AU 3192	OFF	0	167	9	TRACKING	77492.2	YJR108


7.0 The Position Grid

Below the map image is a table showing the Date and Time and last known location and related data of each vehicle.



The screenshot shows the IntelliTrac software interface. On the left is a sidebar with a 'Table Field' section containing checkboxes for Date & Time, Device Id, Device name, Driver, Road Name, Longitude, Latitude, Ignition, and Speed. Below this is a 'Reset to default' button and a 'Setting' section with a 'Search Address' field. The main area is a map of Cheltenham, VIC, showing several roads and a vehicle icon labeled 'IntelliTrac Vehicle 03 Emanuel'. Below the map is a table with the following data:

	Date & Time	Device Id	Device name	Driver	Road Name	Ignition	Speed	Heading	Satellite	Event Name	Mileage	Vehicle Plate
<input checked="" type="checkbox"/>	2013-11-23 15:34:36	2010280464	IntelliTrac Vehicle 03	Emanuel	CENTRE DANDENONG ROAD, CHELTENHAM, VIC, AU 3192	OFF	0	167	9	TRACKING	77492.2	YJR108
<input checked="" type="checkbox"/>	2013-11-23 14:48:02	1018903361	Dan's Car	UNKNOWN	102 TYLER STREET, PRESTON, VIC, AU 3072	OFF	0	102	11	IGN-OFF	161610.2	XKN-505
<input checked="" type="checkbox"/>	2013-11-23 11:37:24	2010010028	Company Car	Dean C	14 ST MUR DRIVE, WARRANDYTE, VIC, AU 3113	OFF	0	262	10	IGN-OFF	195956.1	URJ 801

This table may be customised by clicking the  and selecting which column are to be displayed. Columns may be sorted in alphanumerical order and position.

- Date&Time – Last known date and time that the device reported a position.
- Device Id – The electronic serial number of the device.
- Device name – The name of the device.
- Driver – The driver of the vehicle.
- Road Name – The last known closest resolvable address of the vehicle if on a public road.
- Speed – Speed of the vehicle in KPH
- Heading – Heading degrees clockwise from North
- Satellites – Satellite Reception >3 means valid location
- Mileage – Odometer reading of the vehicle in kilometres - Requires Calibration and setup.
- Input – The GPS can monitor 4 inputs. These are displayed as a binary mask* from 0-16
- Output - The GPS can monitor & control 4 outputs. These are displayed as a binary mask* from 0-16
- Analog1 – Analog1 can read a voltage signal from a transducer and convert it to a meaningful value such as temperature, pressure, weight etc. (Not normally used)
- Analog2 – Analog2 can read a voltage signal from a transducer and convert it to a meaningful value such as temperature, pressure, weight etc. (Not normally used)

8.0 Fleet Management Reports

Click on REPORT -> View to open the Fleet Management Reports Menu

Date & Time	Device Id	Device name	Driver	Road Name	Ignition	Speed	Heading	Satellite	Event Name	Mileage	Vehicle Plate
2013-11-23 15:34:36	2010280464	Intellitrac Vehicle 03	Emanuel	CENTRE DANDENONG ROAD, CHELTENHAM, VIC, AU 3192	OFF	0	167	9	TRACKING	77492.2	YJR108
2013-11-23 14:48:02	1018903361	Dan's Car	UNKNOWN	102 TYLER STREET, PRESTON, VIC, AU 3072	OFF	0	102	11	IGN-OFF	181610.2	XKN-505
			C	14 ST MUR DRIVE, WARRANDYTE, VIC, AU 3113	OFF	0	262	10	IGN-OFF	195956.1	URJ 801

A screen similar to the following will be displayed.

It is important to note that reports can now be fully customisable and your display may not appear exactly as the one shown below.

IntelliTrac Journey

Date: Start [] End [] Device(s): [Select device]

Show advance option

Report Types:

- HIGH SPEED REPORT
- IGN-ON REPORT
- LOGGING REPORT
- Driver
- Journey Summary
- Stationary Summary
- Stop Time Summary
- Geofence
- Geofence Offroad
- Polling
- Fuel & Hourmeter
- Fuel & Hourmeter Summary
- Messaging
- Set position

Action: Generate Download


View: 20 rows

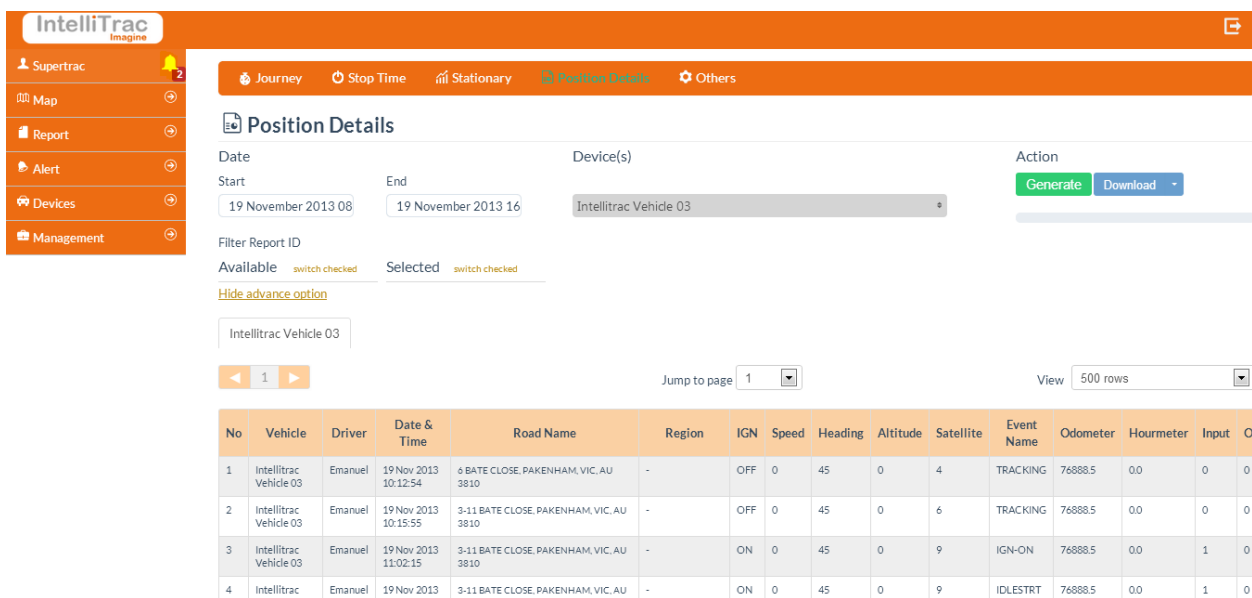
8.1 Position Report

The Position report lists each polled position along with all captured data relating to connected vehicle transducers such as street sweeper timers and water usage in flush trucks.

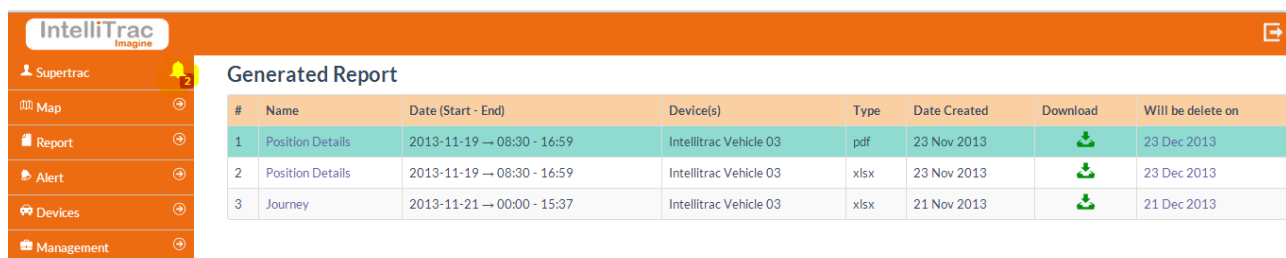
See section 7 for the explanation of each column.



To generate a detailed report:-

1. Select a time and date range
2. Select a device from the drop down list
3. Select the number of records per page
4. Generate the report
5. All reports may be printed, exported to PDF and Spread sheet using the download button. Downloaded items will appear under notifications 



No	Vehicle	Driver	Date & Time	Road Name	Region	IGN	Speed	Heading	Altitude	Satellite	Event Name	Odometer	Hourmeter	Input	Output
1	Intellitrac Vehicle 03	Emanuel	19 Nov 2013 10:12:54	6 BATE CLOSE, PAKENHAM, VIC, AU 3810	-	OFF	0	45	0	4	TRACKING	76888.5	0.0	0	0
2	Intellitrac Vehicle 03	Emanuel	19 Nov 2013 10:15:55	3-11 BATE CLOSE, PAKENHAM, VIC, AU 3810	-	OFF	0	45	0	6	TRACKING	76888.5	0.0	0	0
3	Intellitrac Vehicle 03	Emanuel	19 Nov 2013 11:02:15	3-11 BATE CLOSE, PAKENHAM, VIC, AU 3810	-	ON	0	45	0	9	IGN-ON	76888.5	0.0	1	0
4	Intellitrac Vehicle 03	Emanuel	19 Nov 2013 11:02:15	3-11 BATE CLOSE, PAKENHAM, VIC, AU 3810	-	ON	0	45	0	9	IDLESTRT	76888.5	0.0	1	0



#	Name	Date (Start - End)	Device(s)	Type	Date Created	Download	Will be delete on
1	Position Details	2013-11-19 → 08:30 - 16:59	Intellitrac Vehicle 03	pdf	23 Nov 2013		23 Dec 2013
2	Position Details	2013-11-19 → 08:30 - 16:59	Intellitrac Vehicle 03	xlsx	23 Nov 2013		23 Dec 2013
3	Journey	2013-11-21 → 00:00 - 15:37	Intellitrac Vehicle 03	xlsx	21 Nov 2013		21 Dec 2013

8.2 Journey Report

This report combines Journey Time and Distance

To generate a Journey Report:-

1. **Select a time and date range**
2. **Select a Device**
3. **Generate the report**
4. **All reports may be printed, exported to PDF, Excel and CSV**

Journey

Date: Start: 19 November 2013 00, End: 19 November 2013 23, Device(s): Intellitrac Vehicle 03

Action: [Generate](#) [Download](#)

Show advance option

Intellitrac Vehicle 03

Jump to page: 1, View: 500 rows

No	Start Time	End Time	Distance	Duration	Driver Name	Departed From	Arrived At
1	19 Nov 2013 06:33:02	19 Nov 2013 07:27:51	44.8 km	00:54:49	Emanuel	2100 WILLOW WAY, SOUTH MORANG, VIC, AU 3752	CARIBBEAN PARK DRIVE, SCORESBY, VIC, AU 3179
2	19 Nov 2013 07:30:10	19 Nov 2013 07:58:32	35.39 km	00:28:22	Emanuel	CARIBBEAN PARK DRIVE, SCORESBY, VIC, AU 3179	3-11 BATE CLOSE, PAKENHAM, VIC, AU 3810
3	19 Nov 2013 11:02:15	19 Nov 2013 11:18:00	11.55 km	00:15:45	Emanuel	3-11 BATE CLOSE, PAKENHAM, VIC, AU 3810	94 PRINCES FREEWAY, OFFICER, VIC, AU 3809
4	19 Nov 2013 11:20:54	19 Nov 2013 12:35:34	69.22 km	01:14:40	Emanuel	94 PRINCES FREEWAY, OFFICER, VIC, AU 3809	11 SCHOLAR DRIVE, BUNDOORA, VIC, AU 3083
5	19 Nov 2013 13:29:29	19 Nov 2013 13:43:49	6.43 km	00:14:20	Emanuel	11 SCHOLAR DRIVE, BUNDOORA, VIC, AU 3083	11 SCHOLAR DRIVE, BUNDOORA, VIC, AU 3083
6	19 Nov 2013 17:02:04	19 Nov 2013 17:18:47	7.2 km	00:16:43	Emanuel	13 SCHOLAR DRIVE, BUNDOORA, VIC, AU 3083	11 SCHOLAR DRIVE, BUNDOORA, VIC, AU 3083

An advanced option allows the system to also display a map showing the journey.

IntelliTrac
Imagine

Supertrac

Map

Report

View

Manager

My Files

Alert

Devices

Management

Journey

Stop Time

Stationary

Position Details

Others

Journey

Date

Start

End

Device(s)

Action

19 November 2013 00

19 November 2013 23

Intellitrac Vehicle 03

Generate

Download

Minimum Time

5

minutes

Use Map

Hide advance option

Intellitrac Vehicle 03

1

Jump to page

1

View

500 rows

No	Start Time	End Time	Distance	Duration	Driver Name	Departed From	Arrived At
1	19 Nov 2013 06:33:02	19 Nov 2013 07:27:51	44.8 km	00:54:49	Emanuel	SOUTH MORANG, VIC, AU 3752	CARIBBEAN PARK DRIVE, SCORESBY, VIC, AU 3179
2	19 Nov 2013 07:30:10	19 Nov 2013 07:58:32	35.39 km	00:28:22	Emanuel	CARIBBEAN PARK DRIVE, SCORESBY, VIC, AU 3179	3-11 BATE CLOSE, PAKENHAM, VIC, AU 3810

8.3 Journey Summary Report

This report combines Journey Time and Distance and summarises on a daily or monthly report for one or more devices

To generate a Journey Report:-

1. **Select a time and date range**
2. **Select one or more devices**
3. **Generate the report**
4. **All reports may be printed, exported to PDF, Excel and CSV**

Journey Summary

Date: Start: 1 November 2013 00:00, End: 15 November 2013 23:59, Device(s): Company Car, Dan's Car, IntelliTrac Vehicle 03

Minimum Time: 5 minutes

Hide advance option

Company Car, Dan's Car, IntelliTrac Vehicle 03

Jump to page 1, View 500 rows

No	Date	Device Name	Total Drive Time	Total Distances	Total Trips
1	2013-11-01	Company Car	00:35:49	17.3 km	5
2	2013-11-02	Company Car	00:25:03	15.09 km	2
3	2013-11-03	Company Car	00:17:12	9.14 km	1
4	2013-11-04	Company Car	00:37:11	18.23 km	2
5	2013-11-05	Company Car	00:32:39	27.93 km	2
6	2013-11-06	Company Car	00:32:01	29.84 km	1
7	2013-11-07	Company Car	01:20:01	57.62 km	2
8	2013-11-08	Company Car	00:32:38	18.9 km	2
9	2013-11-09	Company Car	00:22:49	14.77 km	2
10	2013-11-10		00:00:00	0	0
11	2013-11-11	Company Car	00:11:24	6.41 km	1
12	2013-11-12	Company Car	00:07:36	5.14 km	1
13	2013-11-13		00:00:00	0	0
14	2013-11-14	Company Car	01:28:15	54.94 km	2
15	2013-11-15		00:00:00	0	0

Jump to page 1, View 500 rows

8.4 Stop Time Report

The Stop Time report provides quick and easy information as to where, when and how long the vehicle stopped (with ignition off).

To generate a Stop Time Report:-

- 1. Select a time and date range**
- 2. Select a Device**
- 3. Generate the report**
- 4. All reports may be printed, exported to PDF, Excel and CSV**

IntelliTrac

Imagine

Supertrac

Map

Report

View

Manager

My Files

Alert

Devices

Management

Journey

Stop Time

Stationary

Position Details

Others

Stop Time

Date

Start

19 November 2013 00

End

19 November 2013 23

Device(s)

Intellitrac Vehicle 03

Action

Generate

Download

Minimum Time

5

minutes

☒ Use Map

Hide advance option

Intellitrac Vehicle 03

1

Jump to page

1

View

500 rows

No	Stop	Duration	Address
1	19 Nov 2013 07:58:32	03:03:43	3-11 BATE CLOSE, PAKENHAM, VIC, AU 3810
2	19 Nov 2013 12:35:34	00:53:55	11 SCHOLAR DRIVE, SOUTH MORANG, VIC, AU 3752
3	19 Nov 2013 13:43:49	03:18:15	11 SCHOLAR DRIVE, BUNDOORA, VIC, AU 3083

1

Jump to page

1

8.5 Stop Time Summary Report

The Stop Time Summary report provides quick and easy information as to where, when and how long the vehicle stopped (with ignition off).

To generate a Stop Time Report:-

1. **Select a time and date range**
2. **Select one or more devices**
3. **Generate the report**
4. **All reports may be printed, exported to PDF, Excel and CSV**

IntelliTrac Imagine

Supertrac | Map | Report | Alert | Devices | Management

Stop Time Summary

Date: Start 1 November 2013 00:00, End 15 November 2013 23:59, Device(s) Company Car, Dan's Car, Intellitrac Vehide 03

Minimum Time 5 minutes

Hide advance option

Company Car | Dan's Car | Intellitrac Vehicle 03

Jump to page 1 | View 500 rows

No	Date	Device Name	Total Duration	Average Duration	Total Stops
1	2013-11-01	Company Car	05:17:35	05:17:35	1
2	2013-11-02	Company Car	12:20:12	04:06:44	3
3	2013-11-03	Company Car	07:53:20	03:56:40	2
4	2013-11-04	Company Car	04:48:19	02:24:09	2
5	2013-11-05	Company Car	02:19:58	02:19:58	1
6	2013-11-06	Company Car	12:01:46	02:24:21	5
7	2013-11-07	Company Car	06:52:01	03:26:00	2
8	2013-11-08	Company Car	04:06:14	02:03:07	2
9	2013-11-09	Company Car	10:28:41	05:14:20	2
10	2013-11-10		00:00:00	00:00:00	0
11	2013-11-11	Company Car	03:48:59	01:54:29	2
12	2013-11-12	Company Car	00:39:34	00:39:34	1
13	2013-11-13		00:00:00	00:00:00	0
14	2013-11-14	Company Car	04:10:33	02:05:16	2
15	2013-11-15	Company Car	18:42:55	18:42:55	1

Jump to page 1 | View 500 rows

8.6 Stationary Report

The Stationary report provides quick and easy information as to where and when the vehicle was stationary with engine on or off or moving slowly in traffic.

To generate a Stationary Report:-

1. **Select a time and date range**
2. **Define what you consider a stationary period..the example below indicates that a stationary period is considered when the vehicle is travelling at 5 kph (or less) for more than 10 seconds for a maximum distance of 1km.**
3. **Select the device**
4. **Generate the report**
5. **All reports may be printed, exported to PDF, Excel and CSV**

IntelliTrac
Imagine

Supertrac
Map
Report
View
Manager
My Files
Alert
Devices
Management

Journey
Stop Time
Stationary
Position Details
Others

Stationary

Date
Start
End
Device(s)
Action

19 November 2013 00
19 November 2013 23
Intellitrac Vehicle 03
Generate Download

Stationary Option
Max Speed
Max Distance
Min Time

5 km/h
1000 m
10 second(s)

[Hide advance option](#)

Intellitrac Vehicle 03

1
Jump to page 1
View 500 rows

No	Distance	Duration	Location Start	Location End	Region Start	Region End	IGN	Start	End
1	449.33 m	01:35:52	TERRACE, SOUTH MORANG, VIC, AU 3752	SOUTH MORANG, VIC, AU 3752	-	-	OFF	19 Nov 2013 01:56:53	19 Nov 2013 03:32:45
2	0.2 m	00:01:01	SOUTH MORANG, VIC, AU 3752	SOUTH MORANG, VIC, AU 3752	-	-	ON	19 Nov 2013 06:33:02	19 Nov 2013 06:34:03
3	957 m	00:01:07	BULLEEN ROAD, BULLEEN, VIC, AU 3105	156 BULLEEN ROAD, BULLEEN, VIC, AU 3105	-	-	ON	19 Nov 2013 07:06:25	19 Nov 2013 07:07:32
4	1.3 m	00:00:41	CARIBBEAN PARK DRIVE, SCORESBY, VIC, AU 3179	CARIBBEAN PARK DRIVE, SCORESBY, VIC, AU 3179	-	-	OFF	19 Nov 2013 07:27:51	19 Nov 2013 07:28:32
5	219.36 m	02:17:23	3-11 BATE CLOSE, PAKENHAM, VIC, AU 3810	3-11 BATE CLOSE, PAKENHAM, VIC, AU 3810	-	-	OFF	19 Nov 2013 07:58:32	19 Nov 2013 10:15:55
6	0.35 m	00:01:01	3-11 BATE CLOSE, PAKENHAM, VIC, AU 3810	3-11 BATE CLOSE, PAKENHAM, VIC, AU 3810	-	-	ON	19 Nov 2013 11:02:15	19 Nov 2013 11:03:16
7	1.84 m	00:00:21	94 PRINCES FREEWAY, OFFICER, VIC, AU 3809	94 PRINCES FREEWAY, OFFICER, VIC, AU 3809	-	-	OFF	19 Nov 2013 11:18:00	19 Nov 2013 11:18:21
8	0.88 m	00:01:19	SOUTH MORANG, VIC, AU 3752	SOUTH MORANG, VIC, AU 3752	-	-	OFF	19 Nov 2013 12:35:34	19 Nov 2013 12:36:53
9	7.5 m	00:01:58	11 SCHOLAR DRIVE, BUNDOORA, VIC, AU 3083	11 SCHOLAR DRIVE, BUNDOORA, VIC, AU 3083	IntelliTrac Bundoora Office	IntelliTrac Bundoora Office	OFF	19 Nov 2013 13:43:49	19 Nov 2013 13:45:47
10	634.45 m	00:03:00	21 SCHOLAR DRIVE, BUNDOORA, VIC, AU 3083	2 ORMOND BOULEVARD, BUNDOORA, VIC, AU 3083	-	-	ON	19 Nov 2013 17:03:21	19 Nov 2013 17:06:21
11	465.69 m	00:01:40	763 PLENTY ROAD, MILL PARK, VIC, AU 3082	795 PLENTY ROAD, SOUTH MORANG, VIC, AU 3752	-	-	ON	19 Nov 2013 17:12:21	19 Nov 2013 17:14:01
12	0.34 m	00:02:34	SOUTH MORANG, VIC, AU 3752	SOUTH MORANG, VIC, AU 3752	-	-	OFF	19 Nov 2013 17:18:47	19 Nov 2013 17:21:21

1
Jump to page 1

8.7 Driver Report

The Driver Report details trip information based on driver rather than vehicle. This report allows queries based on the selection of one or more vehicles and one or more drivers.

For example:-

Which drivers were driving this vehicle on a certain day?

Which vehicles were being driven by this driver on a certain day?

See a typical report below:- Which vehicles was Emanuel was driving on the between the 1st November 2013 and the 15th November 2013?

The screenshot shows the IntelliTrac web interface for the Driver Report. The left sidebar contains navigation links: Supertrac, Map, Report, Alert, Devices, and Management. The main content area has a top navigation bar with links: Activity, Stop Time, Stationary, Position Details, and Others. Below this, the 'Driver' report is configured with the following filters:

- Date:** Start: 1 November 2013 00:00, End: 15 November 2013 23:59
- Device(s):** Company Car, Dan's Car, Intellitrac Vehicle 03
- Driver(s):** Emanuel (selected from a list including Dean C, Rat RFID TEST, Mehmet, etc.)

Buttons for 'Generate' and 'Download' are visible. A 'View' dropdown is set to '500 rows'.

The screenshot shows the same IntelliTrac web interface, but now displaying the resulting data table. The filters remain the same. Below the filters, there are tabs for 'Company Car', 'Dan's Car', and 'Intellitrac Vehicle 03'. The table below shows the trip data for Emanuel.

No	Driver	Device Name	Start Time	End Time	Finish Location	Distance
1	Emanuel	Intellitrac Vehicle 03	01 Nov 2013 08:13:32	01 Nov 2013 09:25:28	1821 FERNTREE GULLY ROAD, FERNTREE GULLY, VIC, AU 3156	44.63 km
2	Emanuel	Intellitrac Vehicle 03	01 Nov 2013 10:08:53	01 Nov 2013 10:30:38	UNNAMED , EUMENMERRING, VIC, AU 3177	17.1 km
3	Emanuel	Intellitrac Vehicle 03	01 Nov 2013 12:18:49	01 Nov 2013 12:30:59	DANA COURT, DANDENONG SOUTH, VIC, AU 3175	4.68 km
4	Emanuel	Intellitrac Vehicle 03	01 Nov 2013 12:35:52	01 Nov 2013 13:26:00	11 SCHOLAR DRIVE, BUNDOORA, VIC, AU 3083	49.28 km
5	Emanuel	Intellitrac Vehicle 03	01 Nov 2013 13:38:26	01 Nov 2013 13:58:27	75-79 COOPER STREET, CAMPBELLFIELD, VIC, AU 3061	14.78 km
6	Emanuel	Intellitrac Vehicle 03	01 Nov 2013 14:30:30	01 Nov 2013 15:04:40	1-15 BANFIELD ROAD, TRUGANINA, VIC, AU 3029	32.37 km
7	Emanuel	Intellitrac Vehicle 03	01 Nov 2013 15:34:30	01 Nov 2013 16:59:16	12 COMATA WAY, SOUTH MORANG, VIC, AU 3752	44.42 km

8.8 Geofence Report

The Geofence Report provides information on time spent by one or more vehicles in one or more locations. See below a query for time spent at IntelliTrac Office between the 1st Nov 2013 to 22nd November 2013 for vehicle IntelliTrac Vehicle 03.

IntelliTrac
Imagine

Supertrac

Map

Report

Alert

Devices

Management

Geofence

Date

Start

1 November 2013

End

22 November 2013

Business Hours

Start

07:30

End

23:00

Business Days

☐ Sun ☒ Mon ☒ Tue ☒ Wed ☒ Thr ☒ Fri ☐ Sat

Intellitrac Vehicle 03

Device(s)

Intellitrac Vehicle 03

Geofence(s)

Group

== All group ==

Object

☐ Home Area
☒ IntelliTrac Bundoora Office
☐ Jhjh
☐ Leaving Home

Action

Generate

Download

View

500 rows

Device Name	Reg No	Geofence Name	Working Day of The Month	Start Date	End Date	Duration Time	Hour Per Day At Store
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	1	01 Nov 2013 13:26:00	01 Nov 2013 13:38:26	00:12:26	00:12:26
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	5	07 Nov 2013 15:55:19	07 Nov 2013 16:08:59	00:13:40	00:13:40
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	6	08 Nov 2013 15:39:00	08 Nov 2013 16:15:04	00:36:04	00:36:04
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	7	11 Nov 2013 14:09:22	11 Nov 2013 17:02:50	02:53:28	02:53:28
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	8	12 Nov 2013 10:07:37	12 Nov 2013 13:00:35	02:52:58	05:51:40
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	8	12 Nov 2013 14:02:59	12 Nov 2013 17:01:41	02:58:42	
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	9	13 Nov 2013 08:59:49	13 Nov 2013 11:16:53	02:17:04	02:17:04
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	10	14 Nov 2013 08:26:43	14 Nov 2013 11:58:38	03:31:55	
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	10	14 Nov 2013 13:14:45	14 Nov 2013 13:15:11	00:00:26	03:39:44
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	10	14 Nov 2013 16:54:41	14 Nov 2013 17:02:04	00:07:23	
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	11	15 Nov 2013 08:26:09	15 Nov 2013 08:26:46	00:00:37	01:42:29
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	11	15 Nov 2013 08:32:46	15 Nov 2013 10:14:38	01:41:52	
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	12	18 Nov 2013 10:07:44	18 Nov 2013 10:08:45	00:01:01	00:01:01
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	13	19 Nov 2013 13:43:49	19 Nov 2013 17:02:04	03:18:15	03:18:15
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	14	20 Nov 2013 13:36:50	20 Nov 2013 17:05:24	03:28:34	03:28:34
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	15	21 Nov 2013 11:22:47	21 Nov 2013 13:00:15	01:37:28	05:37:19
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	15	21 Nov 2013 14:06:12	21 Nov 2013 18:06:03	03:59:51	
Intellitrac Vehicle 03	YJR108	IntelliTrac Bundoora Office	16	22 Nov 2013 15:31:28	22 Nov 2013 18:09:16	02:37:48	02:37:48

23 | Page

8.9 Off Road Geofence Report

The Off Road Geofence Report provides information on time spent and distance travelled by one or more vehicles in one or more locations. This information may be used to claim rebates when vehicles are driven in certain geographical areas.

See below a query for the Western Ring Road geofence between the 1st Nov 2013 to 22nd November 2013 for vehicle IntelliTrac Vehicle 03.

IntelliTrac Imagine

Supertrac | Map | Report | Alert | Devices | Management

Geofence Offroad

Date: Start 1 November 2013 00:00, End 22 November 2013 00:00

Device(s): Dan's Car, IntelliTrac Vehicle 03

Geofence(s): Group == All group ==

Object: ☐ St Kilda Area, ☐ test nz geofence, ☒ Western Ringroad, ☐ Westfield

View: 500 rows

Device Name	Geofence Name	Date Time Entered	Date Time Exited	Duration	Odometer at Entry	Odometer at Exit	Distance within Geofence
IntelliTrac Vehicle 03	Western Ringroad	01 Nov 2013 13:44:56	01 Nov 2013 13:48:07	00:03:11	75575.1	75578.7	3.6 KM
IntelliTrac Vehicle 03	Western Ringroad	01 Nov 2013 14:40:22	01 Nov 2013 14:52:22	00:12:00	75596.6	75614	17.4 KM
IntelliTrac Vehicle 03	Western Ringroad	01 Nov 2013 16:02:05	01 Nov 2013 16:32:05	00:30:00	75635.6	75655.5	19.9 KM
IntelliTrac Vehicle 03	Western Ringroad	06 Nov 2013 08:42:44	06 Nov 2013 08:55:37	00:12:53	75686	75705.3	19.3 KM
IntelliTrac Vehicle 03	Western Ringroad	06 Nov 2013 16:41:33	06 Nov 2013 16:41:33	00:00:00	75928.5	75928.5	0 KM
IntelliTrac Vehicle 03	Western Ringroad	08 Nov 2013 08:23:09	08 Nov 2013 08:32:09	00:09:00	76082.7	76093.3	10.6 KM
IntelliTrac Vehicle 03	Western Ringroad	11 Nov 2013 08:36:40	11 Nov 2013 08:36:40	00:00:00	76278.7	76278.7	0 KM
IntelliTrac Vehicle 03	Western Ringroad	18 Nov 2013 15:49:35	18 Nov 2013 16:04:35	00:15:00	76768.8	76789.6	20.8 KM
IntelliTrac Vehicle 03	Western Ringroad	20 Nov 2013 09:13:56	20 Nov 2013 09:13:56	00:00:00	76997.4	76997.4	0 KM
IntelliTrac Vehicle 03	Western Ringroad	20 Nov 2013 11:59:35	20 Nov 2013 12:08:35	00:09:00	77039.1	77052.1	13 KM
IntelliTrac Vehicle 03	Western Ringroad	20 Nov 2013 13:29:21	20 Nov 2013 13:32:21	00:03:00	77074	77077.8	3.8 KM
IntelliTrac Vehicle 03	Western Ringroad	20 Nov 2013 17:12:50	20 Nov 2013 17:15:50	00:03:00	77084.4	77088	3.6 KM
IntelliTrac Vehicle 03	Western Ringroad	21 Nov 2013 09:17:18	21 Nov 2013 09:29:18	00:12:00	77149.1	77166.3	17.2 KM
IntelliTrac Vehicle 03	Western Ringroad	21 Nov 2013 10:59:17	21 Nov 2013 11:17:17	00:18:00	77180	77207	27 KM

8.10 Messaging Report

The Messaging report lists all incoming or outgoing messages.

These messages will include

- General two way text messages
- Maintenance Messages
- Job Diversion Status Messages

To generate a Messaging Report:-

1. **Select a time and date range (max 90 days)**
2. **Select one or more devices**
3. **Select Incoming or Outgoing Messaging**
4. **Select Records Per Page**
5. **Generate the report**
6. **All reports may be printed, exported to PDF, Excel and CSV**

IntelliTrac Imagine

Supergccc 14

Map Report Alert Devices Management

Position Details Journey Stop Time Stationary Driver **Messaging** Geofence Offroad Geofence Others

Messaging

Date: Start 7 October 2010 09:00; End 11 November 2010 09; Device(s) GCCC 010-SRS-590RSQ; Action: Generate Download

☒ Inbox ☐ Outbox

GCCC 010-SRS-590RSQ

Jump to page 1 View 20 rows

No	Date Time	Device Name	Driver Name	Message
1	2010-10-14 00:33:28	GCCC 010-SRS-BH86RO	Brandon Mitchell	
2	2010-10-14 01:05:48	GCCC 010-SRS-BH86RO	Brandon Mitchell	Low Tree Canopy
3	2010-10-14 01:31:58	GCCC 010-SRS-BH86RO	Brandon Mitchell	Dumped Rubbish
4	2010-10-21 04:51:28	GCCC 010-SRS-BH86RO	Brandon Mitchell	STARTTRAVEL(205347)
5	2010-10-21 05:03:38	GCCC 010-SRS-BH86RO	Brandon Mitchell	ARRIVEI(205347)
6	2010-10-21 05:04:08	GCCC 010-SRS-BH86RO	Brandon Mitchell	STARTWORK(205347)
7	2010-10-21 05:28:51	GCCC 010-SRS-BH86RO	Brandon Mitchell	ENDWORK(205347)

8.11 Polling Report

The Polling Report provides a method of reporting on the “health” of each device. The report may be generated as a normal report or an exception report.

The Normal Report identifies device activity such as connectivity to the IntelliTrac Data Centre, Handshaking information, Ignition On/Off and positions.

See example below on the 7th October 2010

- Sent 221 positions. (this can identify devices which using too much data...for example >1000 positions)
- Engine was Started 2 times. (This can identify poor installation where the system cannot detect engine starts)
- Engine was Stopped 2 times. (This should be the same value as Engine Started)
- Connect 13 times. (This indicates the GSM network connectivity and reliability in the area)
- Disconnect 13 times. (Should be same value as Connect)
- Sync. 13 times (Indicates Network Validation Handshakes - Should be same or slightly greater than Connect)

IntelliTrac Imagine

Supergccc 14

Position Details Journey Stop Time Stationary Driver Messaging Geofence Offroad Geofence Others

Polling

Date: Start 7 October 2010 09:00, End 7 October 2010 23:59, Device(s) 95 selected, Action: Generate Download

Polling type: ☐ Check all, ☒ Position Tracking, ☒ Engine On, ☒ Engine Off, ☐ Connect, ☒ Disconnect, ☒ Sync

GCCC 010-SRS-590RSQ GCCC 011-SRS-074SMR GCCC 012-667HSX GCCC 23828-C61243 GCCC 24857-368LCY GCCC 24858-373LCY

Jump to page 1 View 500 rows

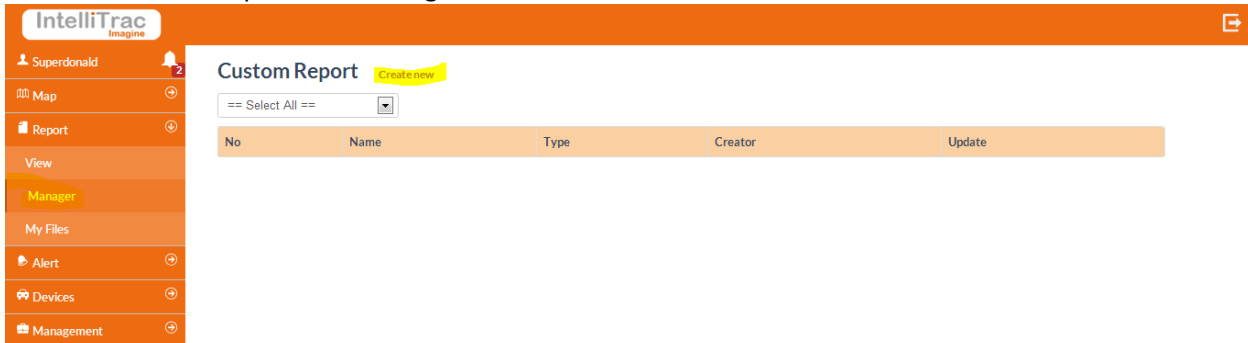
No	Date Time	Device Name	Position Tracking	Engine On	Engine Off	Disconnect	Sync
1	2010-10-07	GCCC 010-SRS-590RSQ	221	2	2	13	13

8.12 Customisable Reports

Reports may be customised to suit individual requirements.

To customise a report

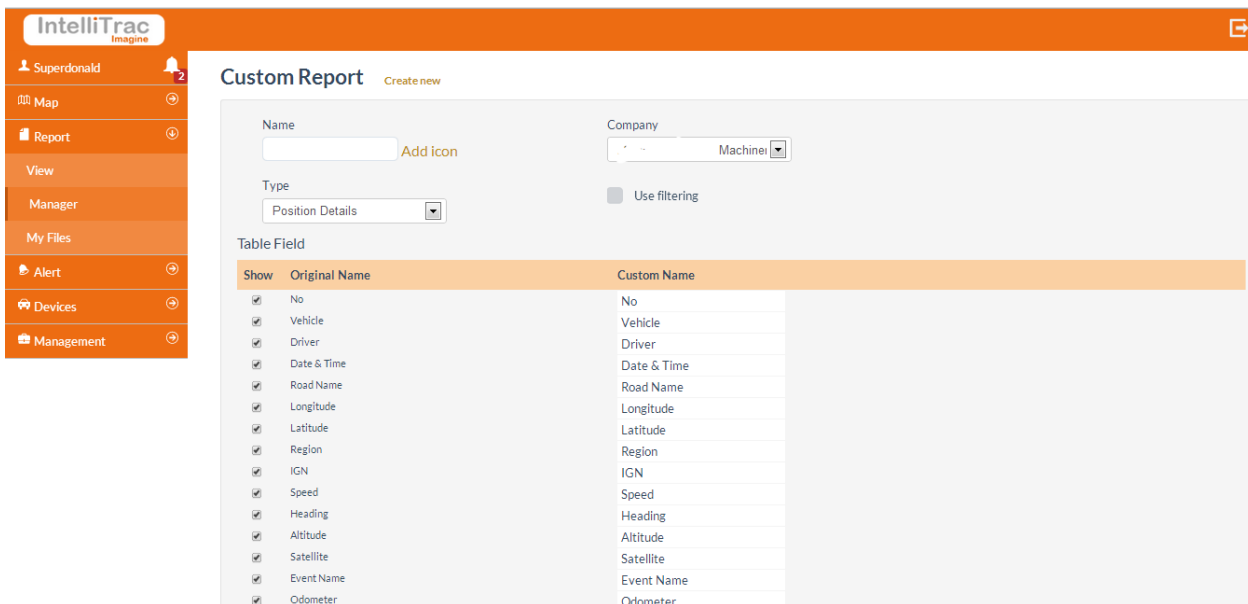
1. Click on “Report” -> “Manager”-> “Create new”



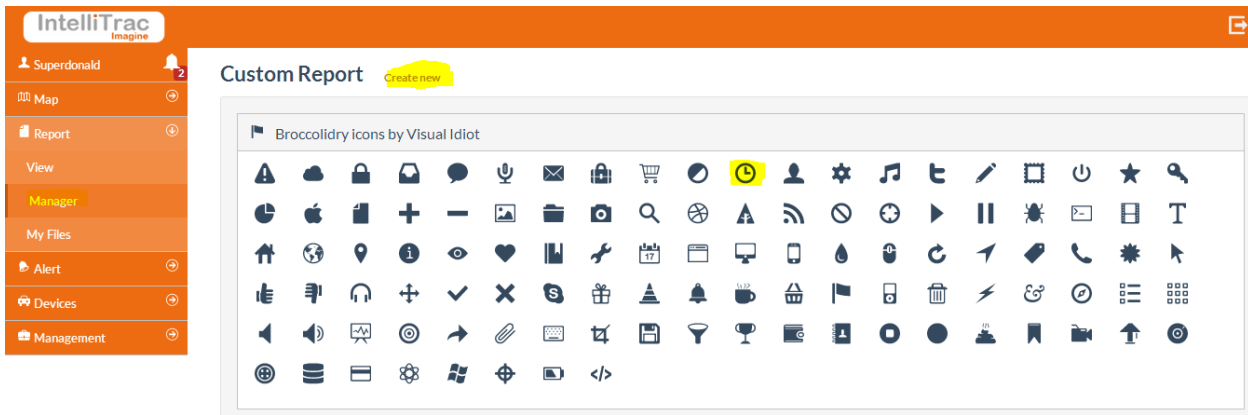
Click “Add Icon” to select an icon to easily identify the report.

Enter a report name

Select a report template “Type”



Select an Icon from the list displayed



In the example below, we will define an Hour Meter report.

The report will be based on the “Position Detail” report template.

We will select the information to be displayed in the columns of the report

We will filter the report to only display the event Daily Timer. (The Daily Timer is a command sent to the device requesting that information is sent to the IntelliTrac Data Centre at a certain time each day)

The screenshot shows the 'Custom Report' configuration interface. The sidebar is the same as in the previous image. The main area is titled 'Custom Report' with a 'Create new' button. Below the title, there are fields for 'Name' (Hour Meter Report) and 'Company' (Machine). The 'Type' is set to 'Position Details'. A 'Use filtering' checkbox is checked. Below this is a 'Table Field' section with a table for selecting fields and their filters.

Show	Original Name	Custom Name	Comparison Operator	Value
<input type="checkbox"/>	No	No		
<input checked="" type="checkbox"/>	Vehicle	Vehicle	no filter	
<input type="checkbox"/>	Driver	Driver	no filter	
<input checked="" type="checkbox"/>	Date & Time	Date & Time	no filter	
<input checked="" type="checkbox"/>	Road Name	Road Name	no filter	
<input checked="" type="checkbox"/>	Longitude	Longitude	no filter	
<input checked="" type="checkbox"/>	Latitude	Latitude	no filter	
<input checked="" type="checkbox"/>	Region	Region	no filter	
<input type="checkbox"/>	IGN	IGN	no filter	
<input type="checkbox"/>	Speed	Speed	no filter	
<input type="checkbox"/>	Heading	Heading	no filter	
<input type="checkbox"/>	Altitude	Altitude	no filter	
<input type="checkbox"/>	Satellite	Satellite	no filter	
<input checked="" type="checkbox"/>	Event Name	Event Name	(==) Equal	Daily Timer
<input type="checkbox"/>	Odometer	Odometer	no filter	
<input checked="" type="checkbox"/>	Hourmeter	Hourmeter	no filter	
<input type="checkbox"/>	Input	Input	no filter	
<input type="checkbox"/>	Output	Output	no filter	
<input type="checkbox"/>	Analog1	Analog1	no filter	
<input type="checkbox"/>	Analog2	Analog2	no filter	
<input type="checkbox"/>	Distance	Distance	no filter	

At the bottom of the table field section are 'Create' and 'Cancel' buttons. Below the table field section is a dropdown menu labeled '== Select All =='. At the very bottom is a table with columns: No, Name, Type, Creator, and Update.

The following is an example report.

IntelliTrac Imagine

Superdonald

Map Report Alert Devices Management

Hour Meter Report

Date: Start 22 November 2013 00 End 22 November 2013 23 Device(s) 109 selected Action: [Generate](#) [Download](#)

[Show advance option](#)

MCDMM Spare 2 MCDMM Unit 83 MCDMM BRN03880 MCDMM BRN03880 Out MCDMM BRN03882 MCDMM BRN03885 MCDMM BRN03901

Jump to page 1 View 20 rows

No	Vehicle	Driver	Date & Time	Road Name	Longitude	Latitude	Region	IGN	Event Name	Hourmeter
1	MCDMM BRN03880	UNKNOWN	22 Nov 2013 00:00:00	22 Nov 2013 00:00:00, WILLAWONG, QLD, AU 4110	-27.589	153.00	-	OFF	TIMER	672.2
2	MCDMM BRN03880	UNKNOWN	22 Nov 2013 08:00:00	22 Nov 2013 08:00:00, STREET, KINGSTON, QLD, AU 4114	-27.65	153.09	-	ON	TIMER	672.6
3	MCDMM BRN03880	UNKNOWN	22 Nov 2013 16:00:00	UNKNOWN	-27.648	153.07	-	OFF	TIMER	675.7

Jump to page 1

NB: Event Name information may be found at: - “Devices” -> “Event Code”

IntelliTrac Imagine

Supercity

Map Report Alert Devices Management

Event Code [Create new](#)

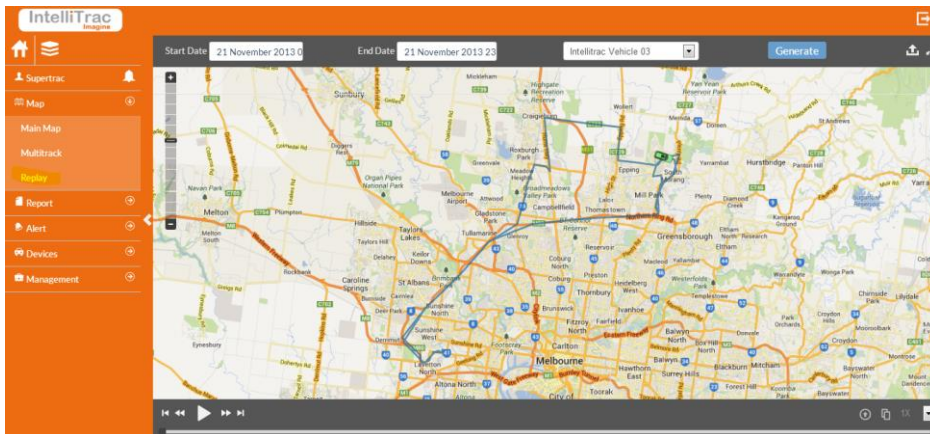
Event code ID	Name	Event code description	Update
0	GET POST	Get Position Result	Edit Delete
1	LOG POS	Data Logger Black Box Recorder Position	Edit Delete
2	TRACKING	Device was in tracking condition	Edit Delete
3	SPEEDING	Speeding Event. May also be used to define an idle time	Edit Delete
4	TIMER	Timer report	Edit Delete
5	TOW	Vehicle Towed	Edit Delete
6	RFID TAG	Driver Swiped RFID Card	Edit Delete
8	IDLE	Vehicle idle for 3 mins	Edit Delete
9	SPEEDEND	Vehicle slowed to below speeding parameters	Edit Delete
9	TOW		Edit Delete
40	PWR LOW	Main Power Low	Edit Delete
41	PWR LOST	Main Battery Power Lost	Edit Delete
42	VOLTRTRN	Main power restored to normal operating voltage	Edit Delete
43	GPS ERR	GPS antenna compromised	Edit Delete
43	PWRRESTR	Main power restored	Edit Delete
46	BBAT LOW	Backup Battery Low Voltage	Edit Delete
47	BBATBACK	Back Up battery Voltage recover	Edit Delete
50	IDLEEND	Excessive Idle End	Edit Delete
51	XS_IDLE	Excessive Idle Time	Edit Delete
56	EXBRAKE	Harsh Braking parameter exceeded	Edit Delete
57	EMSTOP	Emergency stop/Sudden Stop detected	Edit Delete
58	EXACCEL	Harsh Accelerating parameter exceeded	Edit Delete

9.0 Replay Journey

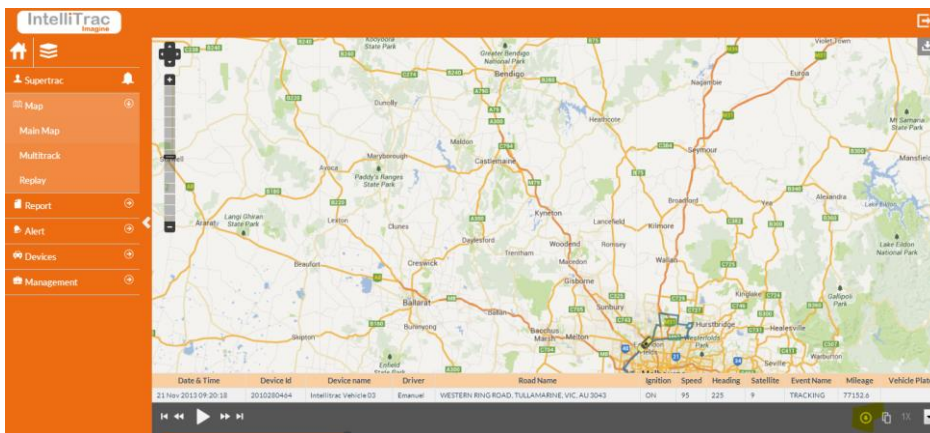
The Replay Journey Menu provides a snap shot of vehicle travelling patterns as well as a step by step of all vehicle activity during a given period of time.

To generate a vehicle replay:-

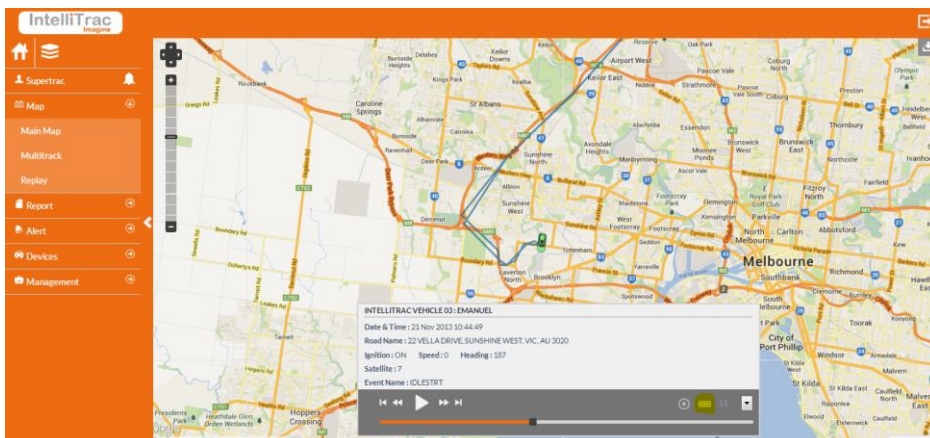
1. **Select a time and date range**
2. **Select a Device**
3. **Click Generate Data**
4. **Control Buttons at the bottom of the map are used to play/pause the vehicle replay.**



Click on the  to display information bar.



Click on the  to display information bar.



10.0 Messaging

The Intellitrac system provides a method of two way text messaging between the Base (any office computer) to the Vehicle (via a mobile data terminal integrated with the GPS Tracking device)

By Selecting Messaging a variety of options are available.

10.1 Message Inbox

By Selecting INBOX a list of all incoming messages are displayed.

By Clicking on an incoming Message, the message is displayed

IntelliTrac Imagine

Supergccc 14

Map Report Alert Devices Manage Set Marker User Marker **Messaging** Event Code Management

Inbox Outbox Unsent

1 2 3 4 5

#	Name	Driver	Date time
1	GCCC 010-SRS-590RSQ	-	21 Nov 2013 16:08:49
Low Tree Canopy			
2	GCCC 010-SRS-590RSQ	-	21 Nov 2013 15:56:07
3	GCCC 010-SRS-590RSQ	-	21 Nov 2013 15:26:18
4	GCCC 011-SRS-074SMR	-	21 Nov 2013 15:23:19
5	GCCC 26972-803RYL	Tim T. ... / Warren I	21 Nov 2013 15:21:24
6	GCCC 26972-803RYL	Tim T. ... / Warren I	21 Nov 2013 15:05:40

Compose new message

Destination: == Please select one ==

Send Reset

10.2 Message Outbox

By Selecting OUTBOX a list of all outgoing messages are displayed.

By Clicking on an outgoing Message, the message is displayed.

All Messages are displayed including:-

- Normal 2 way Text Chats

IntelliTrac Imagine

Supergccc 14

Map Report Alert Devices Manage Set Marker User Marker **Messaging** Event Code Management

Inbox **Outbox** Unsent

1 2 3 4 5

#	Sender	Device Name	Driver	DateTime
1	margaretv	GCCC 011-SRS-074SMR	-	11 Nov 2013 12:25:45
2	margaretv	GCCC 011-SRS-074SMR	-	08 Nov 2013 09:48:42
3	margaretv	GCCC 011-SRS-074SMR	-	05 Nov 2013 16:11:52
4	margaretv	GCCC 011-SRS-074SMR	-	22 Oct 2013 11:31:09
5	margaretv	GCCC 011-SRS-074SMR	-	22 Oct 2013 11:16:22
6	margaretv	GCCC 011-SRS-074SMR	-	11 Oct 2013 09:30:56
7	margaretv	GCCC 011-SRS-074SMR	-	02 Oct 2013 13:41:35
8	margaretv	GCCC 011-SRS-074SMR	-	02 Oct 2013 08:05:43

Message content

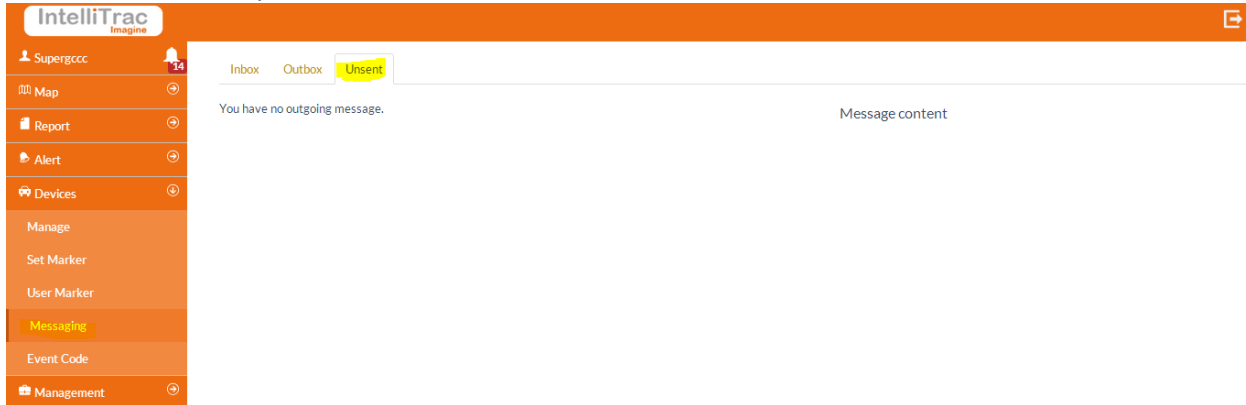
20131111022545/MR441899 - PRESTWICK COURT, ROBINA - LEAF LITTER - MAP 49, B16

10.3 Unsent Items

By Selecting UNSENT a list of all outgoing messages which are yet to be successfully delivered to a vehicle are displayed.

All Messages are displayed including:-

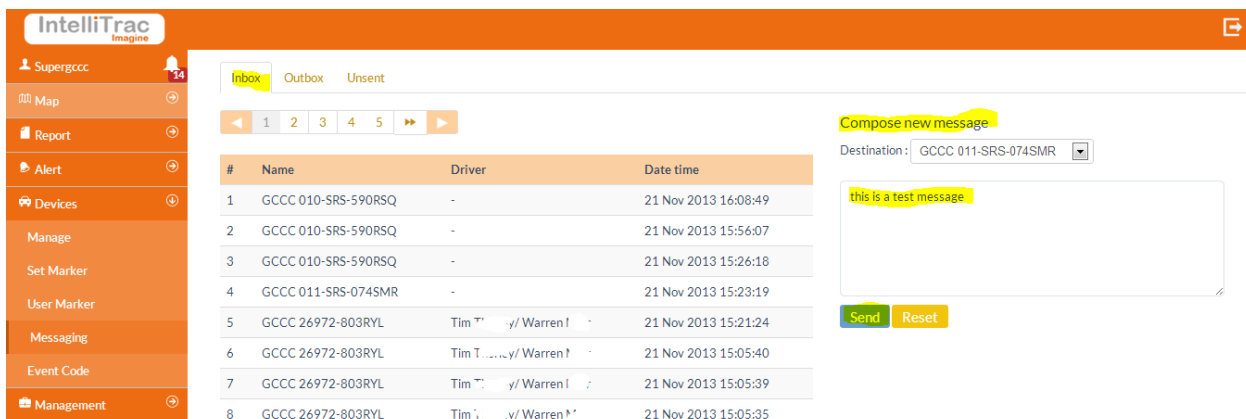
- Normal 2 way Text Chats



10.4 Compose And Send A Message

To Compose and Send a message from any PC to any vehicle or broadcast messages to groups of up to 10 vehicles:-

1. Select "Compose new message" from the right hand menu
2. Select one or more vehicles in the Destination dropdown list
3. Type the message in the Message box
4. Click Send Message



11.0 Geofences

Geofences provide a means of defining an area on a Map. For example defining all parks, depots, and car parks.

Once geofences are defined, the geofence information may be used as a condition to generate reports and alerts.

For example:-

- Send an email if a vehicle enters the geofence
- Generate a report showing how many times we have been to a location.

To create or view geofences, Click Geofence

The following screen will be displayed. (Ensure the Switch is set to ON)

You will notice that geofences may be created for each Company (or fleet)

Each Company may then group their geofences. For example a group for Clients and another group for Suppliers.

	Date & Time	Device Id	Device name	Driver	Road Name	Ignition	Speed	Heading	Satellite	Event Name	Mileage	Vehicle Plate
✓	2013-11-24 12:29:22	2010280464	Intellitrac Vehicle 03	Emanuel	160 RICHARDSON STREET, CARLTON NORTH, VIC, AU 3054	Off	0	279	13	TRACKING	77572.5	YJR108

11.1 View Existing Geofences

To view existing geofences select the geofence from the drop down list

The screen below will show the geofence centred on the map.

It will also show a list of vehicles allocated to the geofence.

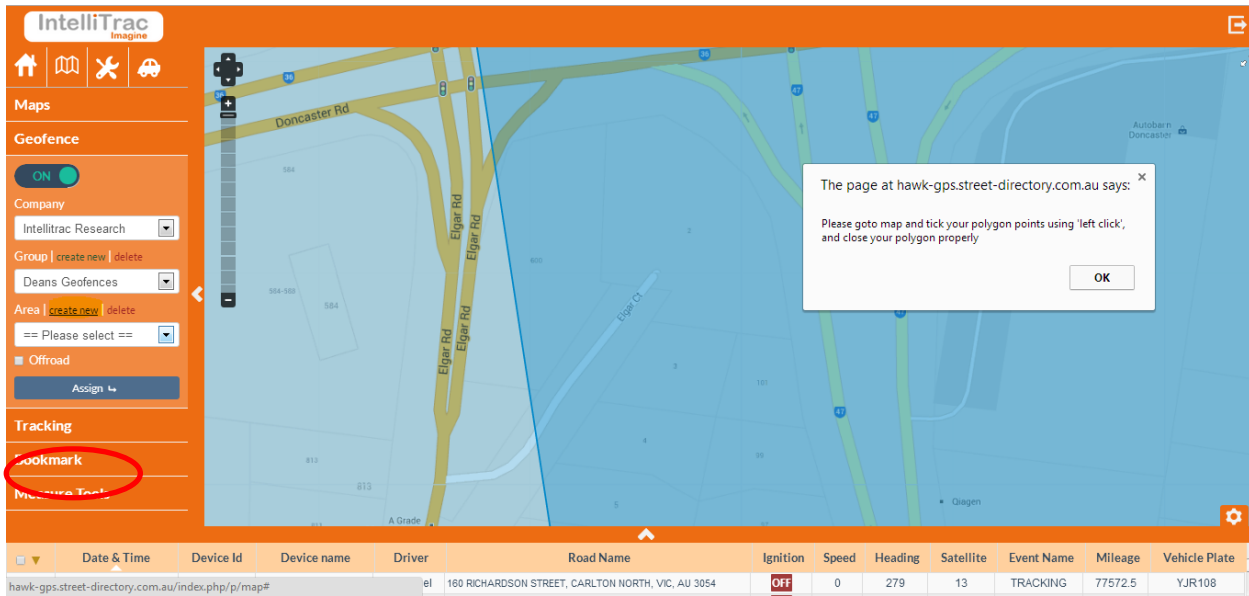
For example:- A Sales Rep vehicle may only be required to report on clients and a purchasing officer's vehicle may only be required to report on suppliers.

The screenshot displays the IntelliTrac software interface. On the left, a sidebar contains navigation options: Maps, Geofence, Tracking, Bookmark, and Measure Tools. The Geofence section is active, showing a list of geofences with 'IntelliTrac Bundoora Office' selected. The main map area shows a street view with a blue geofence polygon. A pop-up window titled 'Assign geofence IntelliTrac Bundoora Office' is displayed, listing three vehicles: 'Company Car', 'Dan's Car', and 'IntelliTrac Vehicle 03', each with a checked box and an 'Assign' button. The bottom of the screen features a table with vehicle data.

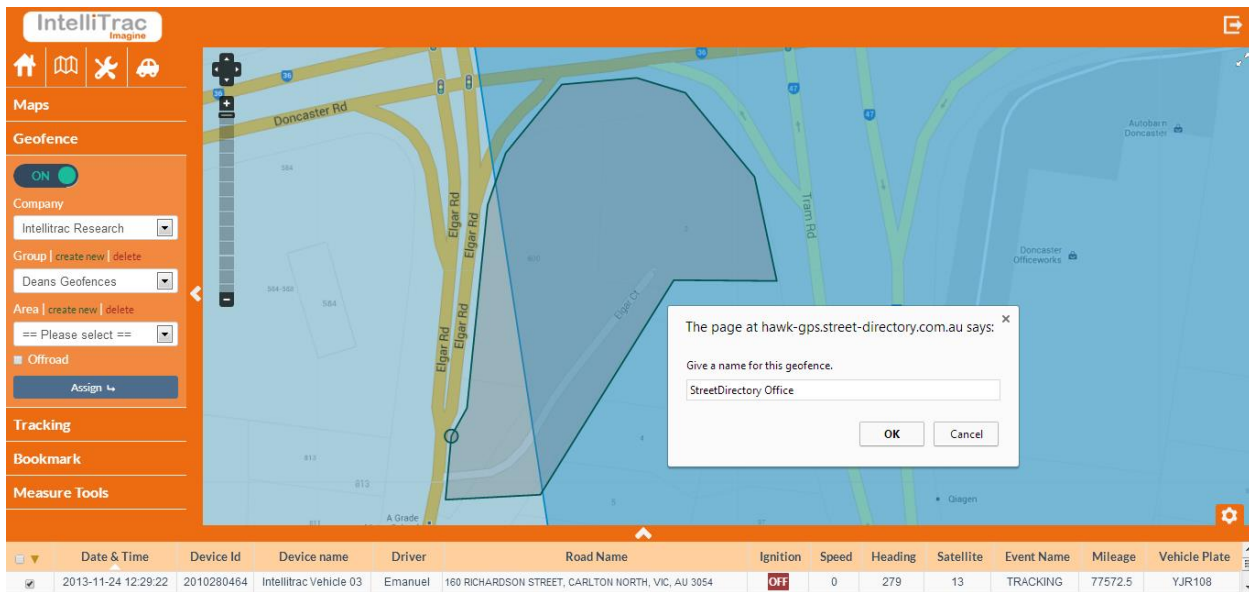
	Date & Time	Device Id	Device name	Driver	Road Name	Ignition	Speed	Heading	Satellite	Event Name	Mileage	Vehicle Plate
	2013-11-24 12:29:22	2010280464	IntelliTrac Vehicle 03	Emanuel	160 RICHARDSON STREET, CARLTON NORTH, VIC, AU 3054	Off	0	279	13	TRACKING	77572.5	YJR108

11.2 Creating Geofences

To Create A Geofence Click “Create New”



- Use the Mouse Left Button to click all points of the geofence (except the last point to close the geofence).
- To close the geofence “Double Click” the Mouse Button.
- Enter a Name for the Geofence



To Allocate the Geofence to one or many vehicles

- **Select the Geofence in “Area”**
- **Click “Assign” in left hand side menu**
- **Select the vehicles to assign in the Blue Pop up**
- **Click “Assign” (in the blue popup)**

The screenshot shows the IntelliTrac software interface. On the left is a sidebar with navigation options: Maps, Geofence, Tracking, Bookmark, and Measure Tools. The Geofence section is active, showing a toggle switch set to 'ON', a company dropdown set to 'Intellitrac Research', and a group dropdown set to 'Deans Geofences'. Under the 'Area' section, 'StreetDirectory Office' is selected. A red polygon geofence is visible on the map. A blue popup titled 'Assign geofence StreetDirectory Office' is open, showing three checked items: 'Company Car', 'Dan's Car', and 'Intellitrac Vehicle03'. An 'Assign' button is at the bottom of the popup. Below the map is a table displaying vehicle tracking data.

	Date & Time	Device Id	Device name	Driver	Road Name	Ignition	Speed	Heading	Satellite	Event Name	Mileage	Vehicle Plate
✓	2013-11-24 12:29:22	2010280464	Intellitrac Vehicle 03	Emanuel	160 RICHARDSON STREET, CARLTON NORTH, VIC, AU 3054	OFF	0	279	13	TRACKING	77572.5	YJR108

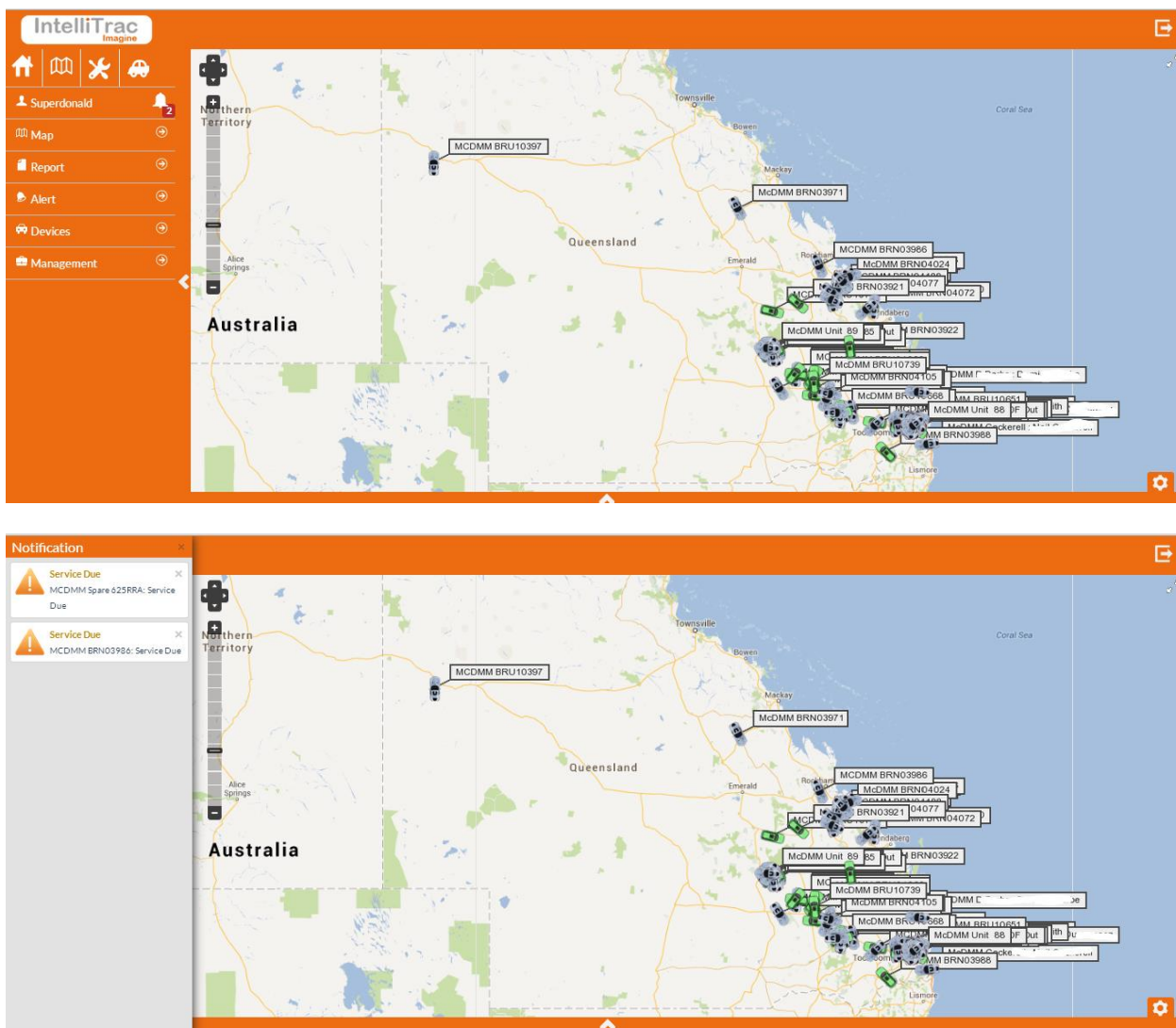
12.0 Viewing and Claiming Alerts

The IntelliTrac system provides a flexible method of generating and actioning alerts.

Alerts may include:-

- Security Alerts:- Such as Alarms Triggering, Duress Buttons, Man Down Alerts, Vehicle exiting depots outside work hours
- Fleet Activity Alerts:- Such as Vehicle Due for Service, Vehicle has not completed a required route or job on time.
- Council Works Alerts:- Such as Dumped rubbish requires clearing

Alerts will automatically pop up on any logged PC screens as they occur. By clicking on an alert, detailed information is provided in the window pane below the table.



By running through a four step tabbed process, we may:-
Identify the vehicle sending the alert,

IntelliTrac
Supertrac | Map | Report | Alert | History | Manager | Email | Devices | Management

Alert History
View: 20 rows

#	Device name	Alert Name	Date time occurred	Claim Status
21	Company Car	Leaving Home	21 Nov 2013 10:37:48	open

General | Vehicle | Customer | Claim | Driver

Alert Name : Leaving Home
Trigger : 999
Description : Leaving Home
Date Time : 21 Nov 2013 10:37:48
Location : 7-11 DAWSON STREET, BRUNSWICK, VIC, AU 3056
Speed : 0

Map view showing location near Brunswick Secondary College and RMIT University Brunswick Campus.

View the vehicle, driver and customer's details, security passwords and any comments such as actions to take (Refer to section 18.3 for Customer Definition),

IntelliTrac
Supertrac | Map | Report | Alert | History | Manager | Email | Devices | Management

Alert History
View: 20 rows

#	Device name	Alert Name	Date time occurred	Claim Status
21	Company Car	Leaving Home	21 Nov 2013 10:37:48	open

General | Vehicle | Customer | Claim | Driver

Vehicle : Company Car
Model : Getz
Make : Hyundai
Year :
Plate : URJ 801
VIN :
Phone :

Map view showing location near Brunswick Secondary College and RMIT University Brunswick Campus.

IntelliTrac
Supertrac | Map | Report | Alert | History | Manager | Email | Devices | Management

Alert History
View: 20 rows

#	Device name	Alert Name	Date time occurred	Claim Status
21	Company Car	Leaving Home	21 Nov 2013 10:37:48	open

General | Vehicle | Customer | Claim | Driver

Name : Dean C
License : -
Address : -
Suburb : -
State : -
Phone : -

Map view showing location near Brunswick Secondary College and RMIT University Brunswick Campus.

and once action is taken comments may be entered and the alert may be closed as completed and actioned correctly, by clicking CLAIM

IntelliTrac
Supertrac | Map | Report | Alert | History | Manager | Email | Devices | Management

Alert History
View: 20 rows

#	Device name	Alert Name	Date time occurred	Claim Status
21	Company Car	Leaving Home	21 Nov 2013 10:37:48	open

General | Vehicle | Customer | Claim | Driver

Action taken
 Test Alert for manual
Comments
 This screen shot has been used in the manual

Claim

Map view showing location near Brunswick Secondary College and RMIT University Brunswick Campus.

Alert History

#	Device name	Alert Name	Date time occurred	Claim Status
21	Company Car	Leaving Home	21 Nov 2013 10:37:48	claimed

General Vehicle Customer **Claim** Driver

Date Claimed : 2013-11-24 18:42:08
 By : supertrac
 Action Taken : Test Alert for manual
 Comments : This screen shot has been used in the manual

13.0 Defining Alerts

Alerts are defined based on many conditions. Below we will explain an existing alert using the Edit function.

Alert List

- Transport
- 20min from Linfox Somerton
- 30 minutes from Penola
- Arrive Laverton
- BP Ballan
- BP Boundary Rd
- BP Echuca
- BP Laverton**
- BP Wallan
- Calder BP Inbound
- Calder BP Outbound
- Departing Laverton
- Entering Linfox Gate
- Exiting Linfox Gate
- Leaving home
- Passing BallaratEast

Report Alert Detail

Name	BP Laverton
Trigger	999
Created on	2011-09-02 02:36:53
Type	
Description	Stopped at BP Laverton
Advance	
Schedule	No schedule - AUS Eastern Standard Time
Schedule Condition	-
Days of week	Sun, Mon, Tue, Wed, Thu, Fri, Sat
Geofence Condition	Trigger Alarm When ENTERING Geofence

Geofences

Create Edit Remove

The alert name is BP Laverton.

The alert will generate an email to relevant persons whenever the vehicle is stopped at BP Laverton

- We name the Alert “BP Laverton”
- We Describe the Alert as “Stopped at BP Laverton” ..this can be a more elaborate description of the alert.
- The Trigger ID is 101. This is a code which is sent whenever the Vehicle Engine is Switched Off.
- The Message Trigger is “Left Blank” This is the actual text message sent by the Vehicle Data Terminal.
- The Email Template used to send emails is “Low Tree Canopy” (explained in section 14)
- The Schedule suggests that this alert is active all days and at all times.

In summary we are defining an alert named “BP Laverton”, that will activate on the condition that “No Messages are sent by the driver using the in vehicle data display unit” and the vehicle ignition is switched off when the vehicle is within the geofence BP Laverton on any day of the week and any time of day.

IntelliTrac Imagine

Super [User] | Map | Report | Alert | History | Manager | Email | Devices | Management

Alert List

- Transport
- 20min from Linfox Somerton
- 30 minutes from Penola
- Arrive Laverton
- BP Ballan
- BP Boundary Rd
- BP Echuca
- BP Laverton**
- BP Wallan
- Calder BP Inbound

Create new alert for 'Transport'

Alert | Schedule | Device list | Geofences | Email

Name: BP Laverton | Trigger ID: 101

Description: Stopped at BP Laverton

☒ Use geofence(s)
☒ Send email alert

Prev Next Cancel

We further refine the alert by adding another condition as follows:-

The alert will only generate if the vehicle switches ignition off **INSIDE** the Geofence “BP Laverton”

IntelliTrac Imagine

Super [User] | Map | Report | Alert | History | Manager | Email | Devices | Management

Alert List

- Transport
- 20min from Linfox Somerton
- 30 minutes from Penola
- Arrive Laverton
- BP Ballan
- BP Boundary Rd
- BP Echuca
- BP Laverton**
- BP Wallan
- Calder BP Inbound
- Calder BP Outbound
- Departing Laverton
- Entering Linfox Gate
- Exiting Linfox Gate
- Leaving home
- Passing BallaratEast

Create new alert for 'Transport'

Alert | Schedule | Device list | **Geofences** | Email

Alert Active on These Days

☒ Sunday ☒ Thursday
☒ Monday ☒ Friday
☒ Tuesday ☒ Saturday
☒ Wednesday

Alert will active on

☒ None ☐ Inside range
☐ On time ☐ Outside range

From time: To time:

Prev Next Cancel

IntelliTrac Imagine

Super [User] | Map | Report | Alert | History | Manager | Email | Devices | Management

Alert List

- Transport
- 20min from Linfox Somerton
- 30 minutes from Penola
- Arrive Laverton
- BP Ballan
- BP Boundary Rd
- BP Echuca
- BP Laverton**
- BP Wallan
- Calder BP Inbound
- Calder BP Outbound
- Departing Laverton
- Entering Linfox Gate
- Exiting Linfox Gate
- Leaving home
- Passing BallaratEast

Create new alert for 'Transport'

Alert | Schedule | Device list | **Geofences** | Email

Geofence Status

☒ Inside These Geofence ☐ Leaving These Geofence
☐ Outside Geofences ☐ Never Inside These Geofence
☐ Entering These Geofence ☐ Never Outside Geofences

Geofences

Filter:

AVAILABLE

- Transport Locations : BP Epping
- ☒ Transport Locations : **BP Laverton**
- Transport Locations : BP Little Boundary Road
- Transport Locations : BP Princess Hwy Dandenong
- Transport Locations : BP Rockbank

ALLOCATED

← →

We further refine the alert by adding another condition as follows:-

The alert will only generate for the following vehicles.

IntelliTrac Imagine

Alert List

- Transport
- 20min from Linfox Somerton
- 30 minutes from Penola
- Arrive Laverton
- BP Ballan
- BP Boundary Rd
- BP Echuca
- BP Laverton**
- BP Wallan
- Calder BP Inbound
- Calder BP Outbound
- Departing Laverton
- Entering Linfox Gate
- Exiting Linfox Gate
- Leaving home
- Passing BallaratEast

Create new alert for ' : Transport'

Alert Schedule Device list Geofences Email

☒ ST CT12 STF
☒ ST CT14 NEW
☒ ST CT15 NEW
☒ ST CT16 NEW
☒ ST CT17 NEW
☒ ST CT19 STF
☒ ST CT23
☒ ST CT24 STF
☒ ST CT25

Prev Next Cancel

We then define which persons receive the email for each vehicle.

Therefore we select a vehicle and an email and add it to the list. This must be done for all combinations of vehicles and emails as required.

IntelliTrac Imagine

Alert List

- Transport
- 20min from Linfox Somerton
- 30 minutes from Penola
- Arrive Laverton
- BP Ballan
- BP Boundary Rd
- BP Echuca
- BP Laverton**
- BP Wallan
- Calder BP Inbound
- Calder BP Outbound
- Departing Laverton
- Entering Linfox Gate
- Exiting Linfox Gate
- Leaving home
- Passing BallaratEast

Create new alert for ' : Transport'

Alert Schedule Device list Geofences Email

Design Email Template: DEFAULT Customer: Mr. Luke

Device: ST PM251, ST PM252, ST PM253, ST PM254, ST PM255

Email: luke@transport.com.au, dean@intellitrac.com.au

Assign Remove

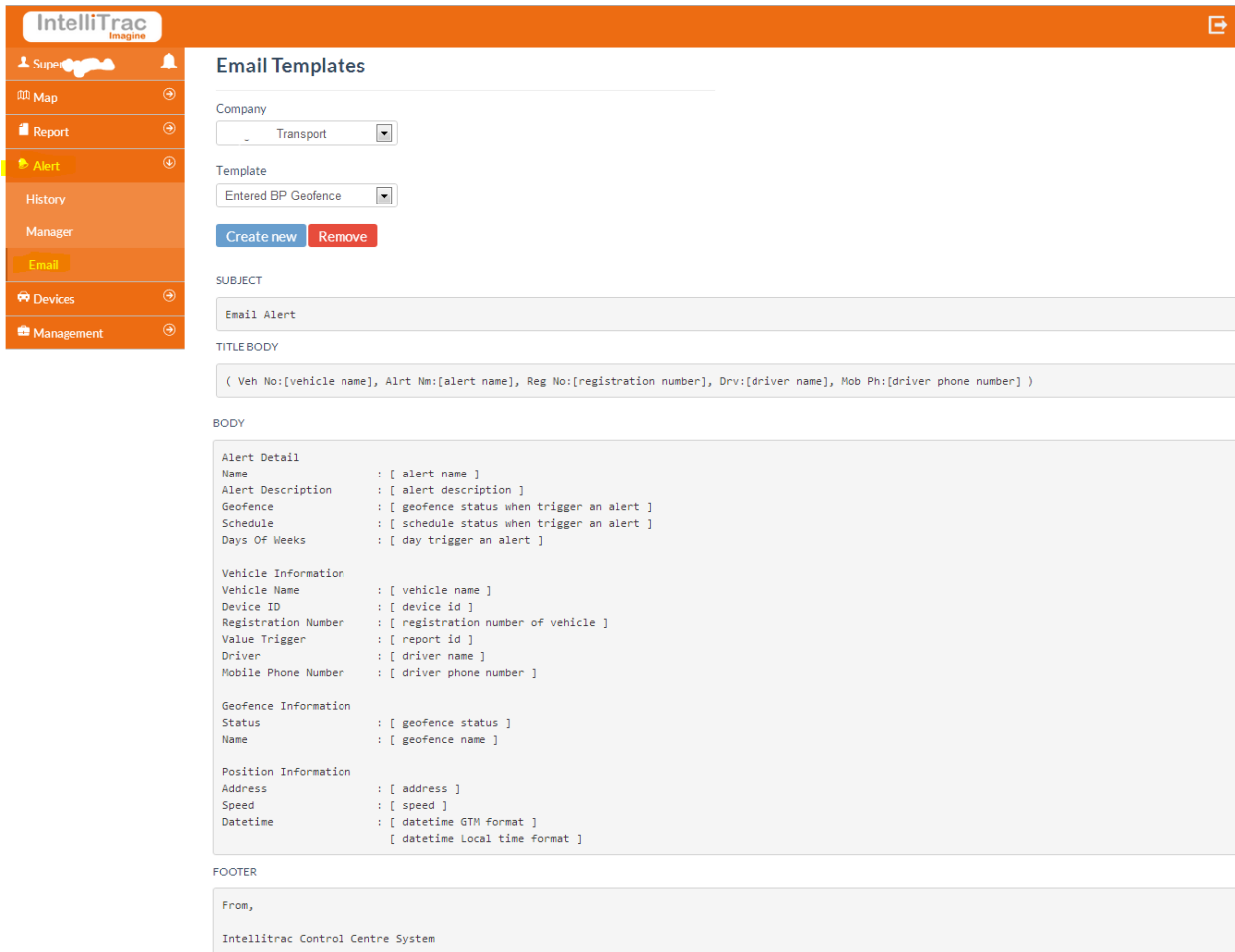
ST PM250 > dean@intellitrac.com.au
 ST PM251 > dean@intellitrac.com.au
 ST PM252 > dean@intellitrac.com.au
 ST PM253 > dean@intellitrac.com.au
 ST PM254 > dean@intellitrac.com.au
 ST PM255 > dean@intellitrac.com.au

Prev Submit Cancel

Refer to section 18.3 regarding the definition of Customer Contact and Email Selection.

14.0 Email Templates

Email templates used for alerts may be customised to suit each alert process. Headers, body and footers may be added to each email template.



IntelliTrac Imagine

Super Map Report Alert History Manager Email Devices Management

Email Templates

Company: Transport

Template: Entered BP Geofence

Create new Remove

SUBJECT

Email Alert

TITLEBODY

(Veh No:[vehicle name], Alrt Nm:[alert name], Reg No:[registration number], Drv:[driver name], Mob Ph:[driver phone number])

BODY

Alert Detail
 Name : [alert name]
 Alert Description : [alert description]
 Geofence : [geofence status when trigger an alert]
 Schedule : [schedule status when trigger an alert]
 Days Of Weeks : [day trigger an alert]

Vehicle Information
 Vehicle Name : [vehicle name]
 Device ID : [device id]
 Registration Number : [registration number of vehicle]
 Value Trigger : [report id]
 Driver : [driver name]
 Mobile Phone Number : [driver phone number]

Geofence Information
 Status : [geofence status]
 Name : [geofence name]

Position Information
 Address : [address]
 Speed : [speed]
 Datetime : [datetime GMT format]
 [datetime Local time format]

FOOTER

From,
 IntelliTrac Control Centre System

15.0 User Allocations and Passwords

Users with administrative privileges may allocate vehicles to each user in their fleet.

The screenshot shows the IntelliTrac interface with the 'Fleets' tab selected. Below the navigation bar, there are tabs for 'Fleets', 'Allocated Vehicle', and 'Groups'. A dropdown menu shows 'Intellitrac Research'. The main content area is titled 'Intellitrac Research device list' and contains a table with 7 rows of vehicle data.

#	Device id	Name	Action
1	2010010028	Company Car	
2	1018903361	Dan's Car	
3	1010090925	I7 Test	
4	2010280464	Intellitrac Vehicle 03	
5	1099888888	IPT10 Testing	
6	1010070395	IPT100	
7	2017000061	IT10 TEST	

Simply select the user and then allocate available vehicles to the user and click submit.

The screenshot shows the 'Allocated User Vehicle' page. At the top, there are tabs for 'Fleets', 'Allocated Vehicle', and 'Groups'. Below the tabs, there are two dropdown menus: 'Select user' (showing 'danciuche') and 'Select company' (showing 'Intellitrac Research'). The main area is divided into two columns: 'AVAILABLE' and 'ALLOCATED'. The 'AVAILABLE' column contains a list of vehicles with checkboxes: Company Car, I7 Test, Intellitrac Vehicle 03, IPT10 Testing, IPT100, IT10 TEST, IT300 IRIDIUM Rolando test, and IT300 Test. The 'ALLOCATED' column shows 'Dan's Car' with a checkbox. A 'Submit' button is at the bottom left.

To change your password

The screenshot shows the 'Profile' page. On the left, there is a navigation menu with 'Profile' selected. The main content area is divided into two sections: 'My profile' and 'Company details'. The 'My profile' section contains a table with user information, and the 'Company details' section contains a table with company information. A 'Change Password' button is located below the 'My profile' section.


My profile	
Username	danc.
Address	11 Scholar Drive, Bundoora, vic 3083
Branch	IT
Email address	-
Phone number	94676188
Mobile number	-
Timezone	AUS Eastern Standard Time

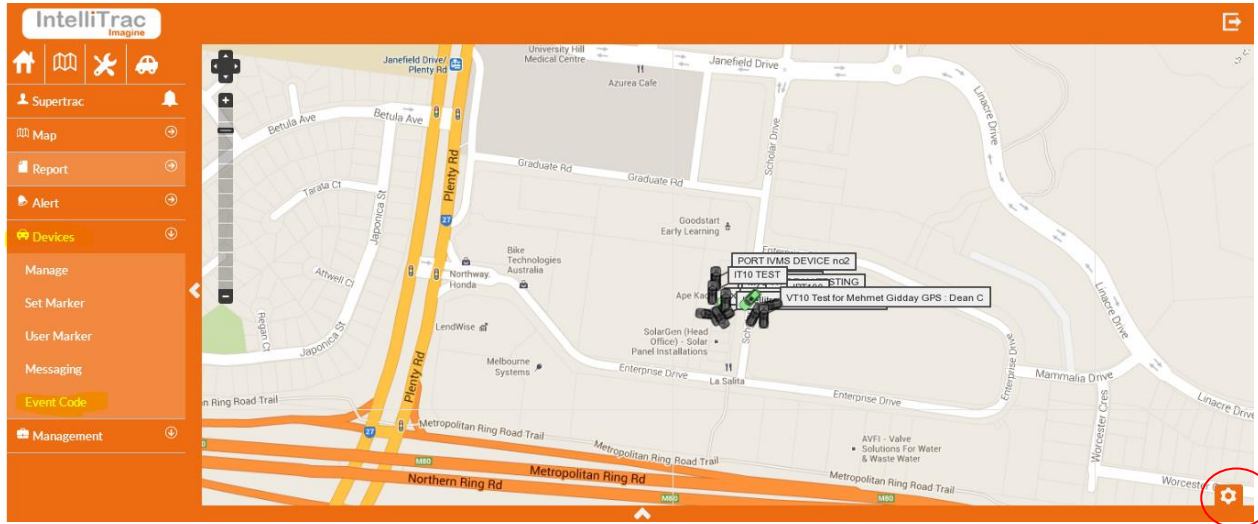
[Change Password](#)

Company details	
Trading name	Intellitrac Research
Client ID	ECZ1PXM4JO68
Address	..
Direct phone	
Email address	
Fax	
Mobile phone	
Order	
Phone	
Requested by	

16.0 Event Codes – Report Id Code

Each position sent by a tracking device is defined by an event ID. These event ID's are selectable for display in:-

- Map Grid Below the Map on the Main Tracking Page (please use the  icon to select)
- Report Columns



See an example below.

Event Code Create new			
Intellitrac Research			
Event code ID	Name	Event code description	Update
0	GET POST	Get Position Result	Edit Delete
1	LOG POS	Data Logger Black Box Recorder Position	Edit Delete
2	TRACKING	Device was in tracking condition	Edit Delete
3	SPEEDING	Speeding Event. May also be used to define an idle time	Edit Delete
4	TIMER	Timer	Edit Delete
5	TOW	Vehicle Towed	Edit Delete
6	DRIVERID	Driver Id Tag Swipe	Edit Delete
7	CANC SOS	Cancel SOS	Edit Delete
9	SPEEDEND	Vehicle returned below Main Speeding threshold	Edit Delete
11	CONFERR	X1 Device requires reprogramming	Edit Delete
12	PRGERROR	Device requires reprogramming	Edit Delete
21	RFID TAG	Driver Swiped RFID Card	Edit Delete
34	WAKE UP	Wakeup Movement Alert I7 Trailer Tracker	Edit Delete
37	SLEEP	Entering Sleep Mode	Edit Delete

17.0 Driver Manager

The Driver Manager provides a method of allocating of drivers to vehicles, so that a report may be generated to determine which driver was driving a vehicle on a certain day, or in the case of personal tracking devices which employee was allocated a personal tracking device on a certain day.

The screenshot shows the IntelliTrac web application interface. On the left is a navigation menu with options: Supertrac, Map, Report, Alert, Devices, Management (highlighted), Users, Drivers, and Customers. The main content area is titled "Drivers" and features a dropdown menu set to "SELECT ALL". Below this is a table listing 11 drivers with columns for #, Driver name, Company, Liscense, Address, Phone, Vehicle, Info, and Manage. The table data is as follows:

#	Driver name	Company	Liscense	Address	Phone	Vehicle	Info	Manage
1	Dan	Intellitrac Research	viclic1234	Scholar Drive	0413604870	-	IT Skills	
2	Dean C	Intellitrac Research	-	-	-	Company Car	-	
3	Emanuel	Intellitrac Research	Licence Number Here	-	0401 765xxx	Intellitrac Vehicle 03	-	
4	Johky	Intellitrac Research	JOHKY	-	-	-	For Testing Purpose	
5	John Smith	Intellitrac Research	VIC 123456	1 Hometown Drive	3000	-	John has a Truck Licence	
6	Mehmet	Intellitrac Research	-	-	-	-	-	
7	Mike E.	Intellitrac Research	WI2132F	1347 French ... 54115 USA	1 920 ...	-	-	
8	Mums GPS	Intellitrac Research	-	-	-	SeniorSafe GPS	-	
9	Rat RFID TEST	Intellitrac Research	9	-	-	-	-	
10	Sarah	Intellitrac Research	-	-	04010*	-	Bosses Daughter	
11	Sofyan	Intellitrac Research	244323	Nowhere	083008380838	-	Sofyan testing	

Below the table is a button labeled "Create new driver".

The screenshot shows the IntelliTrac web application interface with the "Drivers" section. The table from the previous screenshot is visible at the top. Below the table, the details for driver "Dan" are shown in a form. The form fields are:

- Name: Dan
- Address: Scholar Drive
- RFID: (empty field)
- Suburb: Bundoora
- License: viclic1234
- State: Vic
- Info: IT Skills
- Phone: 0413604870
- Current vehicle: Dan's Car (selected from a dropdown menu)

At the bottom of the form are two buttons: "Update" and "Close". Below the form, the table is partially visible, showing rows for Dean C and Emanuel.

Enter the employee details in the fields provided and manually allocate the employee to a “Current Vehicle”.

Automatic Driver Allocation is available as follows:-

Ross has also been allocated a Driver ID Tag with serial number 7451957E. Therefore when Ross enters a vehicle equipped with a Driver ID reader, he is forced to swipe his ID card to automatically allocate him to driving the vehicle. He will be unallocated as the driver of the previous vehicle, since a person can only drive one vehicle at a time. Therefore if using DriverID Tagging it is advisable to install RFID readers in all vehicles.

18.0 Administrator – Fleet Management

18.1 Company/Organisation Details

This menu is only available to users with Administration or SuperUser Privileges. It allows the input of your organisations specific information.

IntelliTrac Imagine

Dean 2/20

Map Report Alert Devices Management Companies Users Drivers Customers

Companies

Edit Intellitrac Research

ID: ECZ1PXM4JO68

Trading Name: Intellitrac Research

Company Name: Intellitrac Research

Address: Address

Address detail: Suburb State Postal Code

Phone: Phone Fax

ABN Order #

18.2 Fleet & GPS Device Details

This menu item displays all devices allocated to the Company. It allows SuperUsers to:-

- Add new devices
- Delete existing devices (**Warning!!!!** Do not delete devices with active sim cards)
- Modify Properties of Existing Devices

IntelliTrac Imagine

Supertrac

Map Report Alert Devices Manage Set Marker User Marker Messaging Event Code Management

Fleets

Allocated Vehicle Groups

Intellitrac Research

Intellitrac Research device list

#	Device id	Name	Action
1	2010010028	Company Car	
2	1018903361	Dan's Car	
3	1010090925	i7 Test	
4	2010280464	Intellitrac Vehicle 03	
5	1099888888	IPT10 Testing	
6	1010070395	IPT100	
7	2017000061	IT10 TEST	
8	2011280465	IT300 IRIDIUM Rolando test	

To view or modify the properties of an existing device Click .

The following Screen will display

18.2.1 Modifying Properties of Existing Devices – Vehicle Name and Details

The screenshot shows the IntelliTrac software interface. On the left is a navigation menu with options: Supertrac, Map, Report, Alert, Devices (selected), Manage, Set Marker, User Marker, Messaging, Event Code, and Management. The main area displays the 'Intellitrac Research device list' with a table of devices. Below the table, the 'Detail' tab is active, showing various fields for a selected device.

#	Device id	Name	Action
1	2010010028	Company Car	
2	1018903361	Dan's Car	

Below the table, the 'Detail' tab is selected, showing the following fields:

Detail	Parameter	Calibration
Name	Device ID	SIM Serial
Dan's Car	1018903361	89610300000486347
Maker	GSM Phone Number	Installed By
BMW	6142051	Manny
Model	Voltage	Date Installed
318i	12	2013-03-25
Year	Device type :	Tested By
2005	X1 Series	Admin
Plate Number	Timezone :	Date Tested
XKN-	(UTC+10:00) Canberra, M	2013-03-25

- Name:- Name of the device as it appears in reports and on the map screen
- Maker:- Make of vehicle
- Model:- Model Of vehicle
- Year:- Year of vehicle
- Vin:- Vehicle Identification number from Manufacturers Compliance Plate
- Voltage:- 12V or 24V
- Device ID:- Assigned by IntelliTrac Head Office – cannot be altered
- GSM Phone Number:- Telephone number of the sim card inserted in the GPS Device
- Date Installed
- Installed By
- Tested By
- Device Type:- Select a model from the IntelliTrac Family of Products
- Time Zone:- Time zone where this vehicle will operate
- Has MDT:- Does this device have a data terminal attached
- Ignition Marker:- Which device input wire is detecting ignition status?

18.2.2 Modifying Properties of Existing Devices – Device Details & Calibrations

The screenshot displays the IntelliTrac software interface. On the left is a navigation menu with options: Supertrac, Map, Report, Alert, Devices (selected), Manage, Set Marker, User Marker, Messaging, Event Code, and Management. The main content area shows tabs for 'Fleets', 'Allocated Vehicle', and 'Groups'. Below these is a dropdown menu set to 'Intellitrac Research'. The title 'Intellitrac Research device list' is displayed above a table with the following data:

#	Device id	Name	Action
1	2010010028	Company Car	Edit Delete
2	1018903361	Dan's Car	Edit Delete

Below the table, the 'Parameter' tab is selected, showing fields for device details:

Detail	Parameter	Calibration
Deviceid	1018903361	Satellite ID
Firmware	1.076	Serial Number
IMEI Number	-	Unit Password
		88'

At the bottom of the parameter tab are two buttons: 'Update parameter' and 'Close'.

The Parameter tab provides further device management information such as:-

- Manufacturing Serial Number- For Batch Traceability
- Device IMEI Number – For Device identification on Mobile Networks
- Firmware Revision – Internal Device Software versions
- Unit Password – For device “anti hacking” security
- Satellite ID – For Iridium Add on Modems

Device Calibration

The screenshot shows the IntelliTrac software interface. On the left is a sidebar with navigation options: Supertrac, Map, Report, Alert, Devices, Manage, Set Marker, User Marker, Messaging, Event Code, and Management. The main area has tabs for Fleets, Allocated Vehicle, and Groups. Below these is a dropdown menu showing 'Intellitrac Research'. The title 'Intellitrac Research device list' is displayed above a table with columns: #, Device id, Name, and Action. The table lists two devices: 1 (2010010028, Company Car) and 2 (1018903361, Dan's Car). Below the table is a 'Detail' section with tabs for Parameter and Calibration. The Calibration tab is active, showing a table with columns: Zero Value, Factor, Unit, Analog 1, Analog 2, Counter 1, Counter 2, Counter 3, Counter 4, and Gram Co2 Of Emission /Km. The values for the first device are: Zero Value 0, Factor 0, Unit n/a, Analog 1 0, Analog 2 0, Counter 1 0, Counter 2 0, Counter 3 0, Counter 4 0, and Gram Co2 Of Emission /Km 0. Below this table is a section for 'Hourmeter' with a value of 0 and a unit of Hour(s). At the bottom are buttons for 'Update calibration' and 'Close'.

- Analog 1 – Converts input 1 Analog voltage to a meaningful information. For example if a temperature sensor was connected to Input 1 and the temperature sensor read
 - -50 deg C at 0V
 - 0 deg C at 5V
 - +50 deg C at 10V
 - The Zero Value would be 5
 - The factor would be 0.1V = 1 deg C
 - Unit would be Degrees C
- Analog 2 – Same as analog 1 but applies to Input 2. For example if a fuel tank transducer was connected to Input 2 and the sensor read
 - 0 litres at 12 Volt
 - 240 Litres at 0V
 - The Zero value would be 12
 - The calibration factor -0.05 volt per litre
 - Unit would be Litres
- Counter 1 – 4 Counts pulses on input 1 to Input 4

For example if a sweeper timer module is connected to input 2 and the time pulses once every 30 seconds when the sweeper is in operation. Zero Value is 0 (or the existing hour meter value on the machine), Factor = 30 (for Unit = seconds) or 0.5 (for unit = minutes) or (0.008633 for unit =hours).

Grams Co2/Km Value is used to calculate Carbon emissions.

Hourmeter – Calibrate the machine hourmeter here (for devices that calculate hour meter within the server software rather than the device hardware)

18.3 Customer Details – Relates to vehicle ownership and email alerts

The Customers Tab is used to identify the owner of the vehicle, and their contact details, alert procedures and email addresses.

The “Customers” tab will display a list of “Customers” or owners

#	Fullname	Company	Address	Phone → Home : Mobile	Update
1	Mr. Benjamin	Intellitrac Research	11 scholar drive ↵ Cranbourne ↵ Vic, 3977	0355555555 / 0413922122	
2	Mr. Danny	Intellitrac Research	9 scholar drive ↵ Epping ↵ Vic, 3061	0355555555 / 0413922122	
3	Mr. dean calapai	Intellitrac Research	11 scholar drive ↵ bundoora ↵ vic, 3083	95551234 / 0413922122	
4	Mr. Irwandi wandi	Intellitrac Research	59 James Street ↵ Hometown ↵ Vic, 3000	0355555555 / 0355555555	
5	Mr. Mohamad Ali	Intellitrac Research	11 Scholar Drive ↵ Bundoora ↵ Vic, 3083	0394676188 / 0394676188	
6	Mr. Peter Simstock	Intellitrac Research	11 scholar drive ↵ Doncaster ↵ Victoria, 3108	0450000000 / 0450000000	

Create new customer

Click to show existing “Customer” definitions.

Customers

#	Fullname	Company	Address	Phone → Home : Mobile	Update
1	Mr. Benjamin	Intellitrac Research	11 scholar drive ↵ Cranbourne ↵ Vic, 3977	0355555555 / 0413922122	
2	Mr. Danny	Intellitrac Research	9 scholar drive ↵ Epping ↵ Vic, 3061	0355555555 / 0413922122	
3	Mr. dean calapai	Intellitrac Research	11 scholar drive ↵ bundoora ↵ vic, 3083	95551234 / 0413922122	

Customer

Title: Mr. First name: dean Surname: calapai Initial: p

Address

Unit street no: 11 Street name: scholar drive Suburb: bundoora State: vic Post code: 3083

Personal Information

Date of birth: 1/1/1980 License: 765987 Expiry: 2010-01-20 Occupation: ceo Company: Intellitrac Research

Mother's maiden name: mum Password: [password]

Comments

nfa during testing

Contact

Home number: 9551234 Mobile number: 0413922122 Work number: 94676188

Email

rose: rosecalapai@yahoo.com ✗
dean intellitrac: dean@intellitrac.com.au ✗

[Add new email](#)

Device Ownership

- Pino Test ✗
- Company Car ✗
- Intellitrac Vehicle 03 ✗
- IT300 WIFI LAG-TEST ✗
- SeniorSafe GPS ✗

Dan's Car [Add](#)

Alternate Contact

Name: dean calapai Home number: 9551234 Mobile number: 0414555555 Work number: 0414555555 Relationship: wife

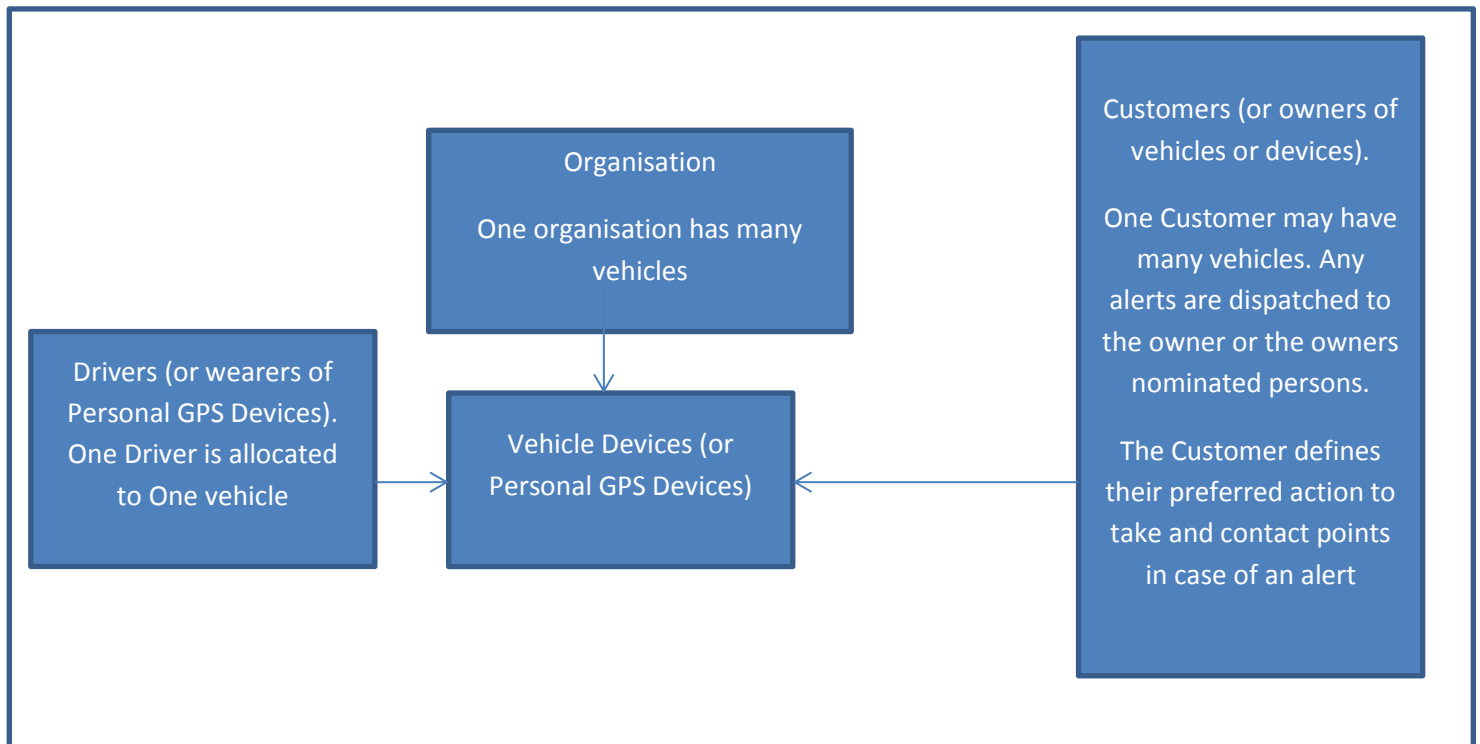
Click “Device Ownership” to show or allocate which vehicles in the fleet are “Owned” by the customer.

[Add new email](#)

Device Ownership

- Pino Test ✕
- Company Car ✕
- Intellitrac Vehicle 03 ✕
- IT300 WIFI LAG TEST ✕
- SeniorSafe GPS ✕


The Relationships are as follows:-



Refer to Section 12 Alerts for details of interrelation of “Customer”



18.4 Software Users – Defining Usernames and Passwords

Click on the “Users” tab to display all software users. See below

IntelliTrac <small>Imagine</small>								
Users								
#	Username	Privileges	Branch/Dept	Company	Address	Email	Active	Update
1	dancliche	Power User	IT	Intellitrac Research	11 Scholar Drive	-	Yes	  
2	deanmessage	Super User	-	Intellitrac Research	-	-	Yes	  
3	ericwp	Power User	-	Intellitrac Research	-	-	Yes	  
4	fleetdemo	Power User	-	Intellitrac Research	-	deangpsx@yahoo.com.au	Yes	  
5	IntellitracPlus	Power User Plus	Intellitrac	Intellitrac Research			Yes	  
6	Johky	User	Tester	Intellitrac Research	Tester Address	johky@intimap.com	Yes	  
7	Igtdemo	User	-	Intellitrac Research	-	-	Yes	  
8	matthewc	Power User	-	Intellitrac Research	-	-	Yes	  

Click  and the following screen will display.

Enter or modify the required details and select the user’s privileges.

IntelliTrac <small>Imagine</small>														
Users														
Edit user dancliche														
User Name <input type="text" value="dancliche"/>			Password <input type="password" value="....."/> 			Privileges <input type="radio"/> USERS <input checked="" type="radio"/> POWER USERS <input type="radio"/> POWER USERS PLUS <input type="radio"/> SUPER USERS								
Company <input type="text" value="Intellitrac Research"/>			Branch/Dept. <input type="text" value="IT"/>			 Generate Reports, Replay Journey, Download Logs, Output Control								
Address <input type="text" value="11 Scholar Drive"/>														
Address detail <input type="text" value="Bundoora"/> <input type="text" value="vic"/> <input type="text" value="3083"/>														
Email <input type="text" value="-"/>														
Phone <input type="text" value="-"/> <input type="text" value="94676188"/>														
Timezone <input type="text" value="(UTC+10:00) Canberra, Mell"/>														
Show advance options														
<input type="button" value="Save"/>			<input type="button" value="Cancel"/>											

Advanced User Options:-

Such as Privacy settings, user time zone settings and user features.

[Hide advance option](#)

Online time

☒ Any time
☐ Between this time

☐ Sun ☐ Mon ☐ Tue ☐ Wed ☐ Thr ☐ Fri ☐ Sat

Start time End time

Packages and Features

☒ Default ☐ Custom ☐ Personal ☐ Package A ☐ Package B ☐ Package C

<input checked="" type="checkbox"/> Alert History	<input checked="" type="checkbox"/> Map	<input type="checkbox"/> Company
<input checked="" type="checkbox"/> Alert Manager	<input checked="" type="checkbox"/> Open Street Map	<input checked="" type="checkbox"/> Customer
<input checked="" type="checkbox"/> Email	<input checked="" type="checkbox"/> Cloudmade map	<input checked="" type="checkbox"/> Driver
<input checked="" type="checkbox"/> Report	<input checked="" type="checkbox"/> Google street map	<input type="checkbox"/> User
<input checked="" type="checkbox"/> Download Report	<input checked="" type="checkbox"/> Google Physical	<input checked="" type="checkbox"/> Profile
<input checked="" type="checkbox"/> Use Custom Report	<input checked="" type="checkbox"/> Google Hybrid	<input type="checkbox"/> Fleet Manager
<input checked="" type="checkbox"/> Create Custom Report	<input checked="" type="checkbox"/> Google Satellite	<input type="checkbox"/> Marker Setting
<input checked="" type="checkbox"/> Position Details	<input checked="" type="checkbox"/> Ovi	<input checked="" type="checkbox"/> User Marker
<input checked="" type="checkbox"/> Stationary	<input checked="" type="checkbox"/> Ovi Transit	<input checked="" type="checkbox"/> Messaging
<input checked="" type="checkbox"/> Polling	<input checked="" type="checkbox"/> Ovi Satellite	<input type="checkbox"/> Event Code Manager
<input checked="" type="checkbox"/> Geofence	<input checked="" type="checkbox"/> Multitrack	<input checked="" type="checkbox"/> Geofence Manager
<input checked="" type="checkbox"/> Driver	<input checked="" type="checkbox"/> Replay	
<input checked="" type="checkbox"/> Journey		
<input checked="" type="checkbox"/> Stop Time		
<input checked="" type="checkbox"/> Fuel & Hourmeter		
<input type="checkbox"/> Daily Activities		
<input type="checkbox"/> Exception		